

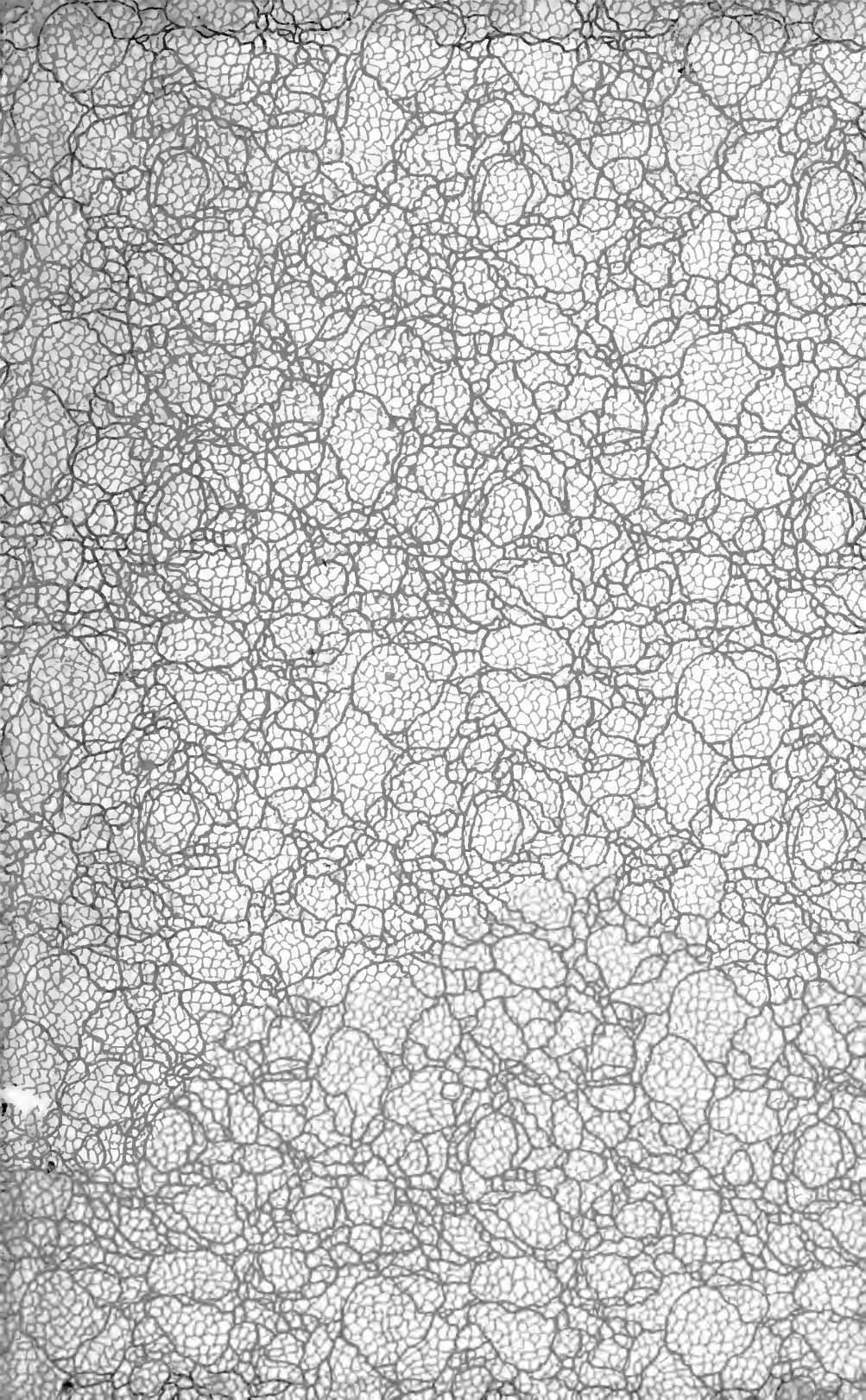
UNIVERSITY OF ILLINOIS  
ANNUAL REGISTER  
1923-1924



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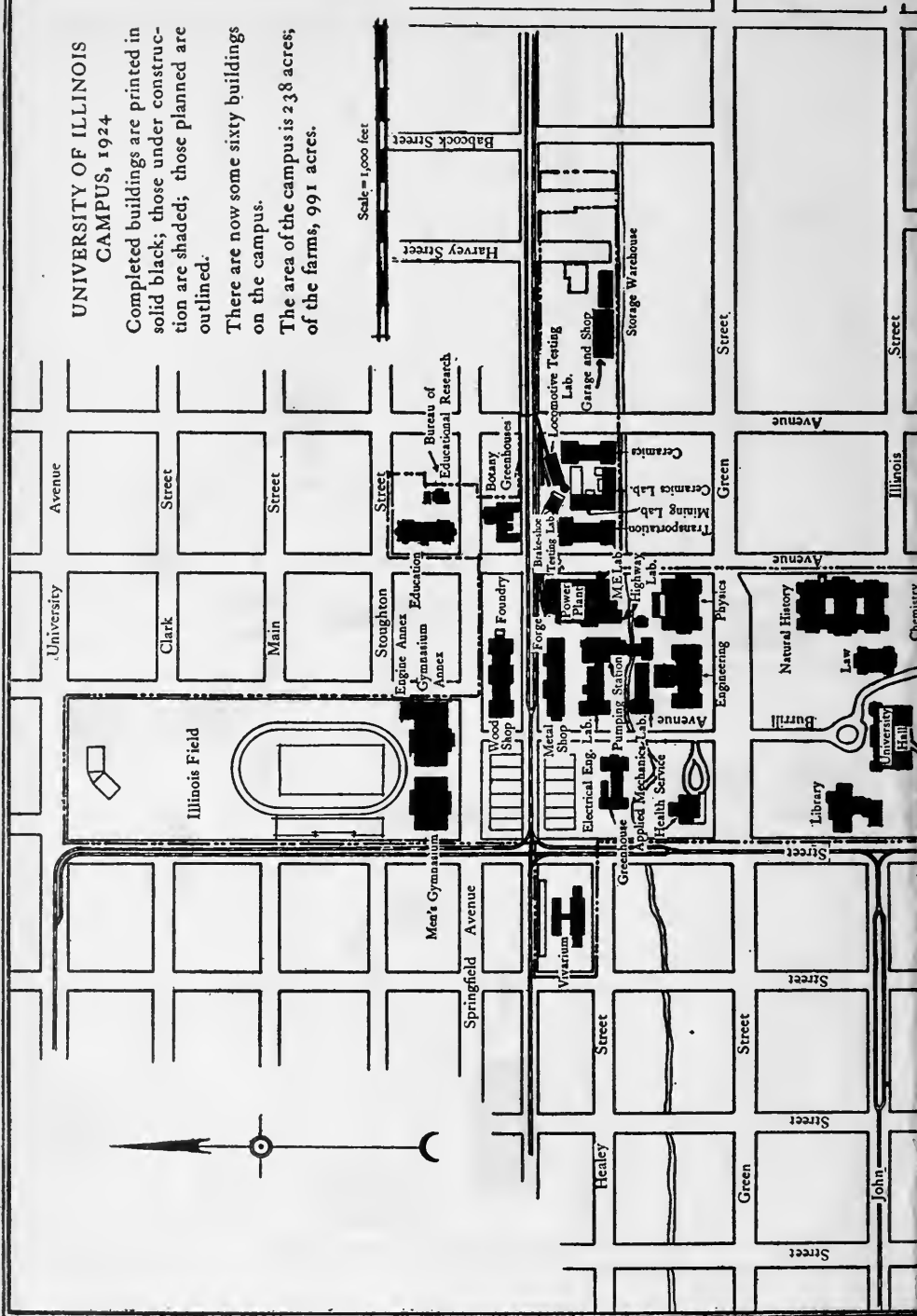
# UNIVERSITY OF ILLINOIS CAMPUS, 1924

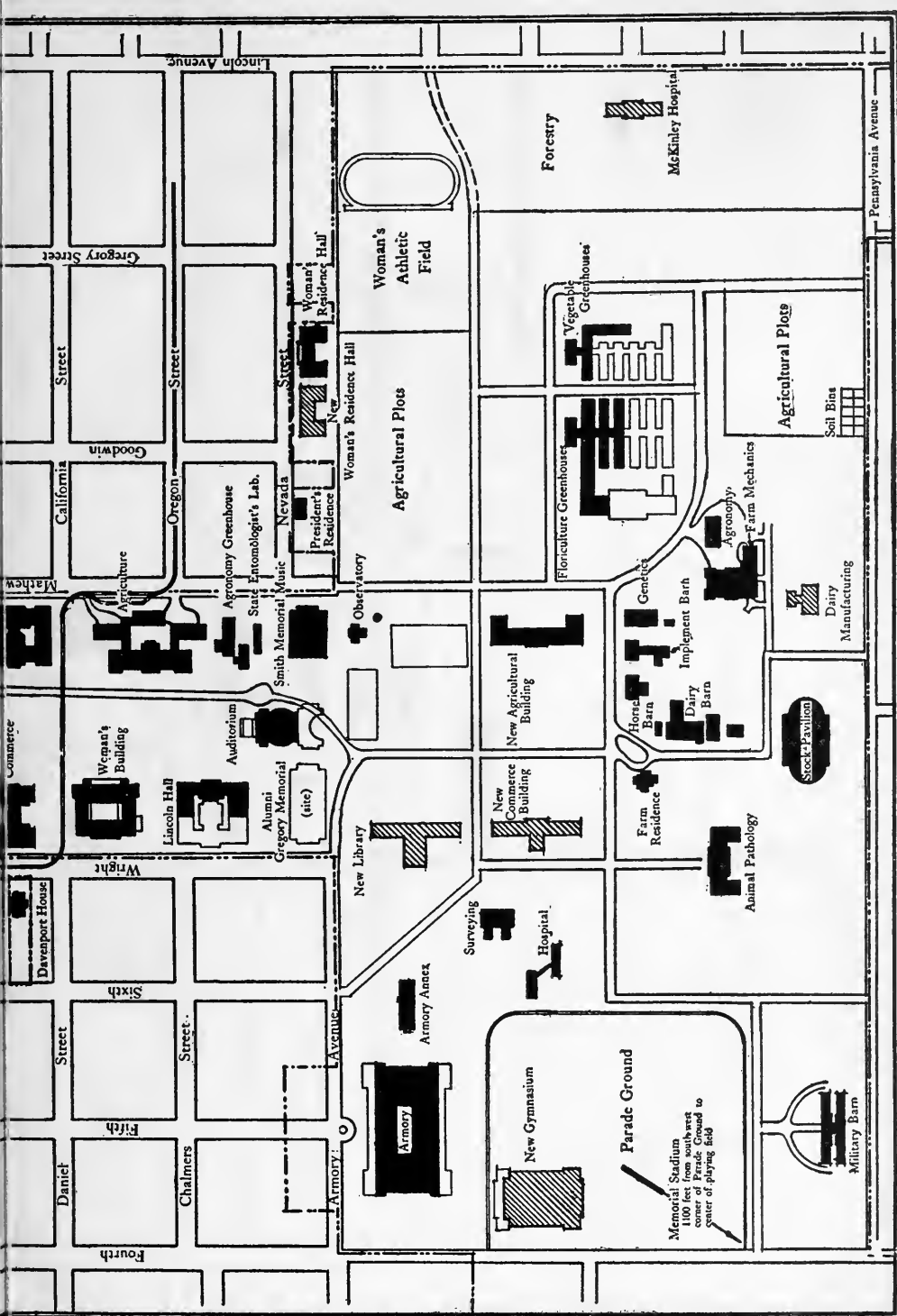
Completed buildings are printed in solid black; those under construction are shaded; those planned are outlined.

There are now some sixty buildings on the campus.

The area of the campus is 238 acres; of the farms, 991 acres.

Scale = 1,000 feet





# University of Illinois

AMERICAN HISTORY

1925-1926

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AMERICAN HISTORY  
1925-1926



Learning and Labor

# University of Illinois

## ANNUAL REGISTER 1923-1924

General Announcements, 1924-1925  
Faculty and Courses, 1923-1924  
Students, 1923-1924

URBANA  
PUBLISHED BY THE UNIVERSITY  
MARCH 1924

# THE UNIVERSITY OF CHICAGO PRESS

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# CALENDAR, 1923, 1924, 1925

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1925

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# THE UNIVERSITY CALENDAR

1923-1924-1925

## FIRST SEMESTER, 1923-1924

Sept. 10-14, Mon.-Fri.	Entrance examinations, Urbana and Chicago
Sept. 17-18, Mon.-Tues.	REGISTRATION DAYS, URBANA
Sept. 19, Wed., 8 a. m.	Instruction begun, Urbana
4 p. m.	Freshman assembly
Sept. 21, Fri., 8 p. m.	President's reception, Woman's Building
Sept. 24, Mon.	Military Drill and Hygiene lectures begun
12 m.	Latest day for change of study-list without fee
Sept. 24-29, Mon.-Sat.	Examinations for removal of conditions, Chicago Schools
Sept. 29, Sat., 5 p. m.	Latest day for rebates in full
Oct. 1, Mon., 8 a. m.	Registration, Chicago Schools
4 p. m.	Meeting, University Senate
Nov. 5, Mon., 5 p. m.	Last day for announcement of subjects for all theses
Nov. 11, Sun.	Armistice Day
Nov. 17, Sat.	Latest day for rebate of one-half fees
	Latest day for removal by seniors graduating in February of last semester or summer session failures, and for substitutions in course
Nov. 22-24, Thurs.-Sat.	High School Conference
Nov. 28, Wed., 12 m.	Thanksgiving recess begun, Chicago Schools
Nov. 29, Thurs.	Thanksgiving Day
Dec. 3, Mon., 8 a. m.	Instruction resumed, Chicago Schools
4 p. m.	Illinois Day
Dec. 11, Tues., 10 a. m.	Meeting, University Senate
Dec. 22, Sat., 11 a. m.	Quarterly meeting of the Board of Trustees
5 p. m.	Holiday recess begun, Urbana
Dec. 31, Mon., 5 p. m.	Holiday recess begun, Chicago Schools
	Latest day for submission of outlines of theses by candidates for professional degrees in engineering

## 1924

Jan. 3, Thurs., 8 a. m.	Instruction resumed, Chicago Schools
1 p. m.	Instruction resumed, Urbana
Jan. 9, Wed.	Special examinations not allowed on or after this date
Jan. 22, Tues.	Semester examinations begun, Urbana
Jan. 28-Feb. 1, Mon.-Fri.	Semester examinations, Chicago Schools
Jan. 30-Feb. 2, Wed.-Sat.	Entrance examinations, Urbana
Jan. 30, Wed.	Semester examinations ended, Urbana

## SECOND SEMESTER, 1923-1924

FEB. 4-5, Mon.-Tues.	REGISTRATION DAYS, URBANA
Feb. 6, Wed., 8 a. m.	Instruction begun, Urbana
	Registration, Chicago Schools
Feb. 9, Sat., 5 p. m.	Last day for change of study list without fee

Feb. 11, Mon.	Special examinations again permitted
4 p. m.	Meeting, University Senate
Feb. 12, Tues.	Lincoln Day
Feb. 16, Sat.	Last day for rebates in full
Feb. 22, Fri.	Washington's Birthday
Mar. 11, Tues.	Annual meeting of the Board of Trustees
Apr. 1, Tues., 5 p. m.	Latest day for filing of completed theses by candidates for professional degrees in engineering
Apr. 5, Sat., 12 m.	Latest day for rebates of one-half fees and for removal by seniors of first-semester failures, and for substitutions in course
Apr. 7, Mon., 4 p. m.	Meeting, University Senate
Apr. 17, Thurs., 11 a. m.	Easter recess begun, Urbana
5 p. m.	Easter recess begun, Chicago Schools
Apr. 21, Mon., 8 a. m.	Instruction resumed, Chicago Schools
Apr. 22, Tues., 1 p. m.	Instruction resumed, Urbana
May, between 15 and 31	Hazelton prize drill
	Annual inspection
	Company competitive drill
May 10, Sat., 12 m.	Latest day for the receipt by the Dean of the Graduate School of certified copies of doctor's theses
May 13, Tues.	Special examinations not allowed on or after this date
May 23, Fri.	Final examinations begun, Urbana
May 26, Mon.-June 6, Fri.	Final examinations, Chicago Schools
May 28, Wed.	Latest day for receipt by the Dean of the Graduate School of certified copies of masters' theses
May 30, Fri.	Memorial Day Military Day
May 31, Sat.	Latest day for acceptance of undergraduate theses
June 2, Mon., 4 p. m.	Meeting, University Senate
June 6, Fri.	Final examinations ended, Urbana
	Class Day, Urbana and Chicago
	Alumni meeting, College of Medicine
8:30 p. m.	Senior ball
June 7, Sat.	Alumni Day
10 a. m.	Annual Commencement, Chicago Schools
June 8, Sun.	Baccalaureate address
JUNE 9, MON.	FIFTY-THIRD ANNUAL COMMENCEMENT

## SUMMER SESSION, 1924

June 13, Fri.	Registration Day, Chicago Schools
JUNE 16, MON.	REGISTRATION DAY
June 17, Tues., 8 a. m.	Instruction begun
June 23, Mon., 5 p. m.	Latest day for rebates in full
July 12, Sat., 12 m.	Latest day for rebates of one-half fees
Aug. 8-9, Fri.-Sat.	Final examinations
Sept. 15, Mon.	End of session, Chicago Schools

## FIRST SEMESTER, 1924-1925

Sept. 15-19, Mon.-Fri.	Entrance examinations, Urbana and Chicago
SEPT. 22-23, MON.-TUES.	REGISTRATION DAYS
Sept. 24, Wed., 8 a. m.	Instruction begun, Urbana
4 p. m.	Freshman assembly
Sept. 26, Fri., 8 p. m.	President's reception, Woman's Building
Sept. 29, Mon.	Military Drill and Hygiene lectures begun
12 m.	Latest day for change of study-list without fee
Sept. 29-Oct. 4, Mon.-Sat.	Examinations for removal of conditions, Chicago Schools
Oct. 4, Sat., 12 m.	Latest day for rebates in full

Oct. 6, Mon., 8 a. m.	Registration, Chicago Schools
4 p. m.	Meeting, University Senate
Nov. 3, Mon., 5 p. m.	Latest day for announcement of subjects for all theses
Nov. 11, Tues.	Armistice Day convocation
	High School Conference
Nov. 22, Sat., 12 m.	Latest day for rebate of one-half fees
	Latest day for removal by seniors graduating in February of last semester or summer session failures, and for substitutions in course
Nov. 26, Wed., 12 m.	Thanksgiving recess begun, Chicago Schools
Nov. 27, Thurs.	Thanksgiving Day
Dec. 1, Mon., 8 a. m.	Instruction resumed, Chicago Schools
4 p. m.	Meeting, University Senate
Dec. 3, Wed.	Illinois Day
Dec. 9, Tues., 10 a. m.	Quarterly meeting of the Board of Trustees
Dec. 22, Mon., 11 a. m.	Holiday recess begun, Urbana
5 p. m.	Holiday recess begun, Chicago Schools
Dec. 31, Wed., 5 p. m.	Latest day for submission of outlines of theses by candidates for professional degrees in engineering

## 1925

Jan. 5, Mon.	Instruction resumed, Chicago Schools
1 p. m.	Instruction resumed, Urbana
Jan. 14, Wed.	Special examinations not allowed after this date
Jan. 27, Tues.	Semester examinations begun, Urbana
Feb. 2-6, Mon.-Fri.	Semester examinations, Chicago Schools
Feb. 2, Mon., 4 p. m.	Meeting, University Senate
Feb. 4, Wed.	Semester examinations ended, Urbana
Feb. 4-7, Wed.-Sat.	Entrance examinations, Urbana

## SECOND SEMESTER, 1924-1925

FEB. 9-10, MON.-TUES.	REGISTRATION DAYS, URBANA
Feb. 11, Wed., 8 a. m.	Instruction begun, Urbana
	Registration, Chicago Schools
Feb. 16, Mon., 12 m.	Latest day for change of study-list without fee
Feb. 12, Thurs.	Lincoln Day
Feb. 17, Tues.	Time limit on special examinations
Feb. 21, Sat.	Last day for rebates in full
Feb. 22, Sun.	Washington's Birthday
Feb. 27, Fri.	Military Ball
Mar. 10, Tues.	Annual meeting of the Board of Trustees
Mar. 31, Tues., 5 p. m.	Latest day for filing of completed theses by candidates for professional degrees in engineering
Apr. 6, Mon.	Meeting, University Senate
Apr. 9, Thurs., 11 a. m.	Easter recess begun, Urbana
5 p. m.	Easter recess begun, Chicago Schools
Apr. 13, Mon., 8 a. m.	Instruction resumed, Chicago Schools
4 p. m.	Meeting, University Senate
Apr. 14, Tues., 1 p. m.	Instruction resumed, Urbana
Apr. 11, Sat., 12 m.	Latest day for rebates of one-half fees, and for removal by seniors of first semester failures, and for substitutions in course
May 16, Sat., 12 m.	Latest day for receipt by the Dean of the Graduate School of certified copies of doctor's theses
May, between 15 and 31	Hazelton prize drill
	Annual inspection
	Company competitive drill
May 18, Mon.	Special examinations not allowed after this date



May 29, Fri.	Final examinations begun, Urbana
	Military Day
May 30, Sat.	Memorial Day
	Latest day for receipt by the Dean of the Graduate
	School of certified copies of masters' theses
June 1, Mon.	Latest day for acceptance of undergraduate theses
4 p. m.	Meeting, University Senate
June 1, Mon.-June 12, Fri.	Final Examinations, Chicago Schools
June 8, Mon.	Final examinations ended, Urbana
June 12, Fri.	Class Day, Urbana and Chicago
	Alumni Meeting, College of Medicine
8:30 p. m.	Senior ball
June 13, Sat.	Alumni Day
10:00 a. m.	Annual Commencement, Chicago Schools
June 14, Sun.	Baccalaureate address
JUNE 15, MON.	FIFTY-FOURTH ANNUAL COMMENCEMENT

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*The Superintendent of Public Instruction*

HON. FRANCIS G. BLAIR . . . . . Springfield

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*(Term 1919-1925)*

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CAIRO A. TRIMBLE . . . . . Princeton  
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*(Term 1921-1927)*

LAURA B. EVANS . . . . . Taylorville  
HELEN M. GRIGSBY . . . . . Pittsfield  
WILLIAM L. NOBLE . . . . . 31 N. State Street, Chicago

*(Term 1923-1929)*

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MARY E. BUSEY . . . . . Urbana  
M. J. TREES . . . . . 608 S. Dearborn Street, Chicago

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HARRISON E. CUNNINGHAM, Urbana . . . . . Secretary  
A. M. BURKE, Champaign . . . . . Treasurer  
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<sup>1</sup>Deceased, January 23, 1923.

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The Board of Trustees has established from time to time certain advisory boards or committees of citizens of the State whose function is to advise the respective departments on questions which may be referred by the departments to the boards. The list of such boards for 1923-24 follows:

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*Agronomy (Farm Crops)*: MR. HARVEY J. SCONCE, *Sidell*; MR. EUGENE D. FUNK, *Bloomington*; MR. WILLIAM WEBB, *Joliet*; MR. CHARLES ROWE, *Jacksonville*; MR. O. J. SOMMER, *Pekin*.

*Agronomy (Soils)*: MR. RALPH ALLEN, *Delavan*; MR. FRANK I. MANN, *Gilman*; HON. A. N. ABBOTT, *Morrison*; MR. G. F. TULLOCK, *Rockford*; MR. N. F. GOODWIN, *Palestine*.

*Animal Husbandry*: MR. JOSEPH FULKERSON, *Jerseyville*; MR. W. S. CORSA, *White Hall*; MR. A. A. ARMSTRONG, *Camargo*; MR. A. F. RISING, *Champaign*; MR. DAN T. DAVIS, *Sugar Grove*.

*Dairy Husbandry*: MR. GEORGE A. FOX, *Chicago*; DR. N. W. HEPBURN, *Peoria*; HON. RODNEY B. SWIFT, *Lake Forest*; MR. FRED SHUSTER, *Springfield*; MR. H. J. SCHULTZ, *Shipman*.

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 FLORENCE DELL STOUDE, A.M., *Assistant in Chemistry*  
 RALPH CONNER CORLEY, A.M., *Assistant in Chemistry*  
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 WILLIAM ALBERT MCCONAGHA, A.M., *Assistant in Economics*  
 GEORGE FRANK ADAMEK, B.S., *Assistant in Economics*  
 HERBERT GRANT BAYLEY, B.S., *Assistant in Economics*  
 GEORGE EDWARD KING, B.S., *Assistant in Entomology*  
 LENA JOSEPHINE MYERS, A.M., *Assistant in English*  
 EDWIN ROBERT CLARK, A.M., *Assistant in Physics*  
 CLARENCE ALLEN FORBES, A.B., *Assistant in Classics*  
 EDWARD MILTON LITTLE, M.S., *Assistant in Physics*

CLIFFORD NATHAN WALL, A.B., M.S., *Assistant in Physics*  
 ERIC ANDERSON ARNOLD, B.S., *Assistant in Physics*  
 LESLIE JAMES BUCHAN, M.S., *Assistant in Accountancy*  
 GAGE GRIFFIN CARMAN, B.S., *Assistant in Animal Nutrition*  
 HEMPHILL HOSFORD, A.B., *Assistant in Mathematics*  
 RAYMOND PARKER MARPLE, B.S., C.P.A. (Ill.), *Assistant in Accountancy*  
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 EDNA MORLEY MONTGOMERY,<sup>1</sup> A.B., *Assistant in Chemistry*  
 RALPH AUGUST KORDENAT, M.S., M.D., *Assistant in Surgery*  
 PAULINE PIERSON, A.M., *Assistant in Romance Languages*  
 ERNEST RAY SHAW, A.B., *Assistant in Economics*  
 VALENTINE MARIE LOUISE TONONE, A.B., *Assistant in Romance Languages*  
 FRANK WALDO TUTTLE, A.B., *Assistant in Economics*  
 JOSIAH GADDIS VANCE, A.M., *Assistant in Romance Languages*  
 RUSSELL BROOKS WOOLLEY, B.S., *Assistant in Accountancy*  
 LUTHER BUNYAN ARCHER, B.S., *Assistant in Electrical Engineering*  
 RIDGELY WILSON AXT, B.S., *Assistant in Olericulture*  
 KARL LEROY VEHE, B.S., M.D., *Assistant in Surgery*  
 CHARLES FERNANDO BASSETT, A.B., *Assistant in Geology*  
 MARSHALL G CLARK, B.S., *Assistant in Animal Husbandry*  
 CECIL VINCENT DONOVAN, B.P., *Assistant in Art and Design*  
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 FRANKLIN EDGAR HUBBARD, A.B., *Assistant in Physics*  
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 RAYMOND CHARLES KELLEHER, B.S., *Assistant in Farm Mechanics*  
 ONA MABEL LADD, A.M., *Assistant in Romance Languages*  
 BURTIS CARL LAWSON, B.S., *Assistant in Agricultural Education*  
 MERWYN QUINCY LYTLE, B.S., *Assistant in Business Organization and Operation*  
 STELLA REBECCA PERCIVAL, B.Mus., *Assistant in Theory of Music*  
 JOSEPHINE KETCHUM PIERCY, A.M., *Assistant in English*  
 EILEEN VAN SANDT, A.M., *Assistant in Romance Languages*  
 ARTHUR SIEFERMAN, A.B., *Assistant in Accountancy*  
 ROBERT BASIL SINCLAIR, A.M., *Assistant in English*  
 ALFRED PAUL THOMPSON, M.S., *Assistant in Chemistry*  
 EVELYN ATWOOD TRIPP, A.M., *Assistant in English*  
 FLOYD LESLIE WINTER, B.S., *Assistant in Plant Breeding*  
 LOUIS J WISCH, M.D., *Assistant in Pediatrics*  
 ALVIN ROBERT CAHN, M.S., *Assistant in Zoology*  
 HENRY PICKETT DORMAN, B.S., *Assistant in Zoology*  
 MAX E ENGERMAN, B.S., M.D., *Assistant in Pediatrics*  
 GUY LEON WAGONER, B.S., M.D., *Assistant in Pediatrics*  
 CHARLES OWEN HERSHEY, M.D., *Assistant in Obstetrics*  
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 THADDEUS LEOPOLD BRADEL, B.S., M.D., *Assistant in Medicine*  
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 BRADSHAW FREDERICK ARMENDT, M.S., *Assistant in Physical Chemistry*  
 DOROTHY EMMA BATEMAN, A.B., *Assistant in Chemistry*  
 JOHN FRED BELL, A.B., *Assistant in Economics*  
 GERALD EADES BENTLEY, A.B., *Assistant in English*  
 OLIVE MAY BLEVINS, A.B., *Assistant in English*  
 CLAIR S BORUFF,<sup>1</sup> B.S., *Assistant in Chemistry*  
 CHRISTOPHER GEORGE BROUZAS, A.M., *Assistant in Classics*  
 MERLIN MARTIN BRUBAKER, A.B., *Assistant in Chemistry*  
 THOR WILLIAM BRUCE, A.B., *Assistant in Economics*  
 THOMAS OLEN BURGESS, M.S., *Assistant in Education*  
 JEANNE R BUTLER, A.M., *Assistant in Romance Languages*  
 OSCAR WILLIAM CAGANN, B.S., *Assistant in Business Organization and Operation*  
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 MARGARET DANN, A.B., *Assistant in Chemistry*  
 RUSSELL MYLES DECOURSEY, A.B., *Assistant in Entomology*  
 RALPH DOUGLAS DONER, M.S., *Assistant in Mathematics*  
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 DONALD MILTON ERB, B.S., *Assistant in Economics*  
 HIRAM ELI ESSEX, B.S., *Assistant in Zoology*  
 JAMES GILBERT EVANS, A.B., *Assistant in Economics*  
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 GREER GILBERT FULLERTON, B.S., *Assistant in Accountancy*  
 CLARENCE LEE FURROW, A.M., *Research Assistant in Zoology*  
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 CHESTER GUSTAVE GAUERKE, A.B., *Assistant in Chemistry*  
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 BESSIE LEE HENRY, A.B., *Assistant in Botany*  
 GLEN S HIER, B.S., A.M., *Assistant in Chemistry*  
 EDWARD LLEWELLYN HILL, A.B., *Assistant in Inorganic Chemistry*  
 DAVID HENRY HOOVER, M.S., Th.D., *Assistant in Economics*  
 NEALIE DOYLE HOUGHTON, B.S., A.M., *Assistant in Political Science*  
 FRANK HOVORKA, A.B., M.S., *Assistant in Chemistry*  
 FRANKLIN EDGAR HUBBARD, A.B., *Assistant in Physics*  
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 FORREST EVERETT KENDALL, B.S., *Assistant in Animal Nutrition*  
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 HORACE HANSON LAGERPUSCH, B.S., *Assistant in Chemistry*  
 VEDA FERN LEONARD, A.M., *Assistant in Zoology*  
 CAROLYN LINDQUIST, B.S., *Laboratory Assistant in Nutrition*  
 FRANK BLACKBURN LUCAS, B.S., *Assistant in Physiology (Dentistry)*  
 HELEN ATKINSON MCMINN, Ph.B., *Assistant in English*  
 REBA MALIN, A.B., *Assistant in Chemistry*  
 HAROLD WINFRED MANTER, A.M., *Assistant in Zoology*  
 LEWIS ELBERT MARTIN, Ph.G., *Assistant in Pharmacy*  
 SUZANNE MAYER, A.B., *Assistant in Romance Languages*  
 JAMES W NECKERS, A.B., *Assistant in Chemistry*  
 CARL ROBERT NOLLER, M.S., *Assistant in Chemistry*  
 ESTHER MERCEDES NOTHENBERG, A.B., *Assistant in Botany*  
 RALPH HENRY OJEMANN, B.S., *Assistant in Physiological Chemistry*  
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 ELINOR WINTERS, R.N., *Infirmiry Nurse (Dentistry)*  
 WILLIAM THEODORE PENFOUND, A.B., *Assistant in Botany*  
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 CHARLES WILLIAM RIPPKE, B.S., *Assistant in Chemistry*  
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 NORMAN MCKEE STOVER, M.S., *Assistant in Chemistry*  
 ALBION GUILFORD TAYLOR, A.M., *Assistant in Economics*  
 AGNES VROOMAN, A.M., *Assistant in English*  
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 ABRAHAM CORNELIUS BENJAMIN, A.M., *Assistant in Philosophy*  
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 GLEN ORVIS RANDALL, M.S., *Assistant in Vegetable Extension*  
 ELLIS B FREILICH, M.D., *Assistant in Medicine*  
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 THEODORE ROSS VAN PELT, B.S., M.D., *Assistant in Medicine*  
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 CHARLES MAYARD KNEIER, A.M., *Assistant in Political Science*  
 HENRY G FISK, B.S., *Assistant in Chemistry*  
 HOWARD WOODHAM GOULD, M.S., *Assistant in Chemistry*

### TECHNICIANS

MARY JUNGJOHANN, *Technician in Research (Dentistry)*  
 GUSTAVE SWANSON, *Infirmiry Technician (Dentistry)*  
 JOSEPH LEPAK, *Chief Technician in Pathology and Bacteriology (Dentistry)*  
 STANLEY MOORE, *Technician in Pathology and Bacteriology (Dentistry)*  
 HILDA PAULSEN, *Technician in Pathology and Bacteriology (Dentistry)*  
 BEULAH MARKS, *Technician in Pathology and Bacteriology (Dentistry)*  
 SAMUEL HANSEN, *Technician in Physiology (Dentistry)*  
 GUSTAVE TOBIE, *Technician in Chemistry (Dentistry)*  
 EDWARD JOHN MCCORMACK, *Technician in Chemistry (Dentistry)*  
 EDWARD DANKOWSKI, *Technician in Chemistry (Dentistry)*  
 ABE AARONSON, *Technician in Chemistry (Dentistry)*  
 MRS. EVA PLATIN, *Technician in Pathology and Bacteriology (Medicine)*

## STUDENT ASSISTANTS

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OLIVE PAUL, *Student Laboratory Assistant in Textiles*  
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WENDELL AMYAE PYLE, *Student Assistant in Military Science*  
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# THE UNIVERSITY LIBRARY

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THE  
LAW  
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OF THE  
STATE  
OF  
NEW  
YORK

IN SENATE,  
JANUARY 1, 1891.  
REPORT  
OF THE  
COMMISSIONERS  
OF THE  
LAND OFFICE,  
IN RESPONSE  
TO A RESOLUTION  
PASSED BY THE  
SENATE, MARCH 1, 1890.

ALBANY:  
J. B. LIPPINCOTT & CO.,  
PRINTERS,  
1891.

## PART I

### GENERAL INFORMATION

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#### LOCATION

The University of Illinois is situated in Urbana-Champaign, in Champaign County, about fifty miles northeast of the geographical center of the State.

The campus of the University lies partly within the corporate limits of the city of Urbana and partly within the corporate limits of the city of Champaign. The two municipalities form one community of about thirty thousand inhabitants. The railway, express, telegraph, and telephone services of both cities are available for the University, and a sub-station of the Urbana post office is located in the University Library Building.

#### HISTORY

The University was incorporated by an act of the General Assembly, February 28, 1867, as the Illinois Industrial University. This action was taken following the act of Congress known as the "Morrill Land Grant," whereby the national government gave each state in the Union public land scrip equal to 30,000 acres for each senator and representative in Congress, "for the endowment, support, and maintenance of at least one college whose leading object shall be, without excluding other scientific and classical studies, and including military tactics, to teach such branches of learning as are related to agriculture and the mechanic arts. \* \* \* \* in order to promote the liberal and practical education of the industrial classes in the several pursuits and professions of life."

The institution was placed under the control of a Board of Trustees, consisting of the Governor, the Superintendent of Public Instruction, and the President of the State Board of Agriculture, members *ex officio*, and twenty-eight citizens appointed by the Governor. The chief executive officer was called the Regent, and was made *ex officio* a member of the Board and presiding officer of both the Board of Trustees and the Faculty. In 1873 the number of members was reduced to eleven—the Governor and the President of the State Board of Agriculture, *ex officio*, and nine others, who were still appointed by the Governor. Since this time also, the President of the Board has been chosen by the members from among their own number for a term of one year. In 1887, a law was passed making membership in the Board elective at a general State election and restoring the Superintendent of Public Instruction as a member *ex officio*. There were then, therefore, three *ex officio* and nine elective members. In 1917, the General Assembly passed a law reorganizing the administration of the State. By virtue of this law, on January 1, 1919, the office of the President of the State Board of Agriculture was abolished. There are now, therefore, eleven members, two *ex officio* and nine elective.

In 1885, the General Assembly changed the name of the institution from the Illinois Industrial University to the University of Illinois.

The office of executive head of the institution has been held by six persons: Dr. John Milton Gregory, Regent from 1867 to 1880; Dr. Selim Hobart Peabody, Regent *pro tempore* from 1880 to 1881 and Regent from 1881 to 1891; Dr. Thomas Jonathan Burrill, Acting Regent from 1891 to 1894; Dr. Andrew Sloan Draper, President from 1894 to 1904; Dr. Edmund Janes James, President from 1904 to 1920; and Dr. David Kinley, Acting President from 1919 to 1920, and President since 1920.

The University opened on March 2, 1868. The number of students enrolled was fifty; the faculty consisted of the Regent and two professors. During the first term another instructor was added, and the number of students increased to 77—all men.

During the first term instruction was given in algebra, geometry, physics, history, rhetoric, and Latin. During the autumn of 1868 a chemical laboratory was provided, and laboratory work in botany was begun the following year. In January, 1870, a mechanical shop was equipped with tools and machinery, and here was begun the first shop instruction given in any American university.

On March 9, 1870, the Trustees voted to admit women as students. In the year 1870-71, twenty-four availed themselves of the privilege. Since that time they have constituted from one-sixth to one-fifth of the total number of students.

According to the original State law, the usual diplomas and degrees could not be granted by the University; certificates showing the studies pursued and the attainments in each were given instead. The certificates proved unsatisfactory to the holders, and in 1877 the legislature gave the University authority to confer degrees and issue diplomas.

In addition to the original endowment, Congress has made provision for the Land Grant institutions by the second Morrill act of 1890 (\$25,000 a year); the Adams act of 1900 (\$15,000 a year for research and experimental work); and the Nelson act of 1907 (\$25,000 a year).

The General Assembly in 1911 passed a law providing for a mill tax to provide a fund for the maintenance and operation of the University, thus inaugurating a policy of definite partial provision for the institution.

In 1892, graduate work was undertaken under the name of the Graduate School. In 1907, the General Assembly appropriated \$50,000 for the Graduate School, and the Executive Faculty of that school was organized. The first summer session was held in 1894. The department of music became the School of Music in 1897. The work in law was organized as the School of Law in 1896—the name being changed to the College of Law in 1900. The General Assembly made a special appropriation in 1900 to establish courses of training for business life, and the Trustees organized the Courses in Business Administration, which in 1915 became the College of Commerce and Business Administration. In 1905, the Trustees established a School of Education, which became the College of Education in 1918. The School of Railway Engineering and Administration was created in 1907, following the establishment in 1906 of the department of railway engineering. The General Assembly in 1909 established the department of mining engineering. In 1913, the College of Literature and Arts and the College of Science were united to form the present College of Liberal Arts and Sciences.

Experimental work and research in agriculture and the related sciences was begun at an early date. In 1888, the Agricultural Experiment Station of the University of Illinois was founded, and in 1903 the Engineering Experi-

ment Station was established. Similar organizations on a smaller scale are the Bureau of Educational Research (1918) and the Bureau of Business Research (1921). The facilities for scientific research have been increased by the location at the University of certain State organizations, including the State Laboratory of Natural History (1885), the State Water Survey (1897), the State Entomologist's Office (1899), merged with the Laboratory of Natural History to form the State Natural History Survey in 1917; and the State Geological Survey (1905).

The Chicago College of Pharmacy, founded in 1859, became the School of Pharmacy of the University of Illinois in 1896. The College of Physicians and Surgeons of Chicago was affiliated with the University under a lease in 1897, but this arrangement proved unsatisfactory and was discontinued in 1912. In 1913, the stock and assets of the College of Physicians and Surgeons of Chicago were presented to the University, and the College of Medicine was reopened in that year. The School of Dentistry, which was organized as a department of the College of Medicine in 1901, became the College of Dentistry in 1905. It was closed with the College of Medicine in 1912 and was reopened in 1913.

In 1897, the School of Library Economy, established in 1893 at the Armour Institute of Technology in Chicago, was transferred to the University, the Director of that school was appointed Librarian of the University, and the Library School was opened.

## EQUIPMENT

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### BUILDINGS AND GROUNDS

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The land occupied by the University includes the main campus, 303 acres, the Chicago campus, two and one-fifth acres, the experimental farms at Urbana-Champaign, 934 acres, experiment fields outside Champaign county, 714 acres, timber reservations, 60 acres, and trust farms, 346 acres—a total of 2,359 acres. There are about seventy buildings on the campus at Urbana-Champaign.

*University Hall* (erected 1873) is the "old main building" of the University. It occupies three sides of a quadrangle, and is five stories in height. The building is devoted to class rooms and offices.

*Lincoln Hall* (erected 1911) is a brick, stone, and terra cotta structure. The building provides for the advanced work in the classics, English, Romance languages, Germanic languages, history, economics, education, political science, sociology, and philosophy. The building contains class and consultation rooms, seminar libraries, conference rooms, research rooms, the Museum of Classical Art and Archeology, and the Museum of European Culture.

*The Physics Laboratory* (erected 1909) is a three-story fireproof brick building trimmed with Bedford limestone. The main lecture room seats 262. There are large laboratories and recitation rooms, and thirty smaller laboratories for advanced experimental work. Gas, distilled water, compressed air and vacuum, and direct and alternating electric currents of a wide range in amperes and in volts are available in all parts of the building.

*The Chemistry Laboratory* (erected 1901-2; addition 1914-15) is of brick. The original structure is of slow burning construction, and the addition is fireproof. The building contains general laboratories, offices, class and seminar rooms, library, museums, supply rooms, and research laboratories; also the offices and laboratories of the State Water Survey and the department of bacteriology.

*Natural History Hall* (erected 1892; additions 1909, and 1921) is occupied by the departments of botany, entomology, zoology, physiology, geology, and mathematics, and the offices of the State Natural History Survey and the State Entomologist. A fireproof museum equipped with fireproof and dustproof cases occupies the center of the building.

*The Botany Annex* (erected 1914) is a greenhouse laboratory divided into compartments that are severally provided with devices for controlling humidity and temperature within close limits for exact experimentation in the fields of plant physiology and pathology. A frame building attached gives working and class rooms for use in connection with experiments conducted under glass.

*The Vivarium Building* (erected 1915-16) contains eight laboratories, one office, and store rooms, with greenhouses at each end, and a head house serving two greenhouses, and two screened houses. The building is occupied by the departments of zoology and entomology.

*The Entomology Building* (erected 1905 for the use of the State Entomologist and his staff) is a two-story building with two greenhouse wings. It contains the offices of the horticultural inspector and assistants. The wings are equipped for experimental entomology and life-history studies.

*The Astronomical Observatory* (erected 1896) is a brick building. It has three wings and is surmounted by a dome which houses the 12-inch refracting telescope. An adjacent building, erected in 1914, contains a 30-inch short focus reflector.

*The Commerce Building* (erected 1912) is a fireproof structure three stories high, with a one-story annex. The building is used principally for the work of the College of Commerce and Business Administration. The exterior first story finish is buff Bedford limestone; the second and third stories are of brick with carved stone trimmings and cornice. The roof is of tile.

*The Education Building* (erected 1917-18) is a fireproof structure of reinforced concrete, faced with Bedford limestone, and is of collegiate Gothic design. It is occupied by the College of Education as a model high school.

*The Anatomy Laboratory* (erected 1922) is a temporary one-story wooden structure used as a laboratory of anatomy for courses in athletic coaching.

*Engineering Hall* (erected 1894) is a four-story building, occupied by the offices and recitation rooms, and the drafting rooms of the departments of civil engineering and municipal and sanitary engineering, the offices of the Dean of the College of Engineering and Director of the Engineering Experiment Station, and by offices, recitation, and drafting rooms of the department of architecture.

*The Electrical Engineering Laboratory* (erected 1898) is a two-story brick building containing the departmental shop, storage battery room, electric furnace room, rooms for research, the undergraduate laboratory, instrument room, high potential laboratory, drafting, lecture, and recitation rooms, photometric laboratory, offices, departmental library, and a room used by the Electrical Engineering Society.

*The Mechanical Engineering Laboratory* (erected 1905, remodeled 1917) is a brick building containing offices, laboratories, lecture and computation rooms, and an instrument room. In the basement two flumes, together with a storage reservoir having a capacity of 7,000 gallons, provide for the measurement and storage of water.

*The Laboratory of Applied Mechanics* (erected 1901-2) is a brick building containing the materials testing laboratory and the hydraulics laboratory.

*The Highway Laboratory* (erected 1910) is a two-story brick addition to the Mechanical Engineering Laboratory. It contains the laboratories and recitation rooms and offices of the department of civil engineering which are associated with the work of testing materials used in road construction and with research in the development of such materials.

*The Mining Engineering Laboratory* (erected 1912) is a one-story brick building. It is divided into five units: Coal washing and preparation; ore-dressing and metallurgy; mining, including blasting and explosives; chemical analysis and sampling; gas analysis, safety lamps, and ventilation.

*The Ceramic Engineering Building* (erected 1915-16) is a three-story structure, of fireproof construction, built of texture brick and polychrome terra cotta. The front of the building is decorated with colored tile panels. The roof is of Spanish tile, and the floor of the halls and corridors of clay tile. The building houses the work in ceramic engineering and the State Geological Survey.



*The Ceramic Kiln House* (erected 1912) connects with the ceramic engineering building. It contains the kilns, furnaces, and heavy machines for working clays.

*The Locomotive Testing Laboratory* (erected 1912) is a brick fireproof building connected by a spur with the Illinois Traction System tracks. It houses a locomotive testing plant which consists of supporting wheels on which rest the drivers of the locomotive to be tested, a dynamometer for measuring the tractive force exerted by the locomotive, water brakes for absorbing the power developed, and other auxiliary apparatus.

*The Transportation Building* (erected 1912 and 1921) is a three-story fireproof building of brick trimmed with stone. The building is occupied by the departments of railway mechanical and mining engineering, and general engineering drawing.

*The Machine and Forge Laboratories* (erected 1902) occupy a one-story brick building containing office rooms, a machine shop, and a forge shop.

*The Pattern Laboratory* (erected 1901-2) and *The Foundry Laboratory* (added 1904) occupy a brick building. The pattern laboratory contains a bench room, lathe room, machine room, and smaller rooms for lectures and exhibitions. The foundry has a large molding floor, traversed by a five-ton traveling crane.

*The Civil Engineering Surveying Building* (erected 1904-5 as the Horticultural Building and given over to surveying in 1923) is a one-story structure of brick trimmed with stone. It contains the instrument locker rooms and drafting rooms for the surveying courses.

*The Agricultural Building* (erected 1900) consists of four separate structures, built around a court and connected by corridors. The court was enclosed in 1912 and divided into class rooms. The main building contains offices, class rooms, and laboratories for the departments of agronomy, animal husbandry, dairy husbandry, and horticulture; the chemistry laboratory of the Experiment Station; administration rooms; and assembly room (Morrow Hall) with a seating capacity of 500. Of the other three buildings, one is used for dairy manufactures, one for farm crops, and one for class rooms and laboratories.

*The New Agricultural Building* (erected 1922-23) is a three-story brick and stone fireproof structure of the Georgian style of architecture. The building is occupied by the College administrative officers; a lecture room seating 242, classrooms, the offices of the departments of horticulture, animal husbandry, and farm organization and management, the landscape gardening drafting rooms and offices, the agricultural library, and general classrooms.

*The Farm Mechanics Building* (erected 1906-7 and 1923) is a three-story brick structure, containing classrooms, offices, lecture rooms, drafting room, laboratories, and tool and storage rooms. The building houses a collection of farm machinery, lent the College by manufacturing companies and used for laboratory work. A new laboratory attached to the present building at the south is used entirely for gas engine, tractor, and automobile work.

*The Pure Bred Dairy Cattle Barn* (erected 1891) consists of a main two-story wooden structure, a wing, and a shed for young stock. About 40 milch cows in addition to young stock and bulls are accommodated.

*The Animal Pathology Laboratory* (erected 1904-5, as a Beef Cattle Building) is a one-story structure of brick and slate, trimmed with stone, with a wing at either end; the central portion rises two stories and is used for the storage of feed.

*The Agronomy Building* (erected 1904-5) is a brick and slate structure, containing a field laboratory and storage room for crop work.

*The Agronomy Greenhouse* (erected 1900, rebuilt 1912) consists of two glass structures and a service building equipped with research and photographic laboratories.

*The Animal Husbandry Cattle Feeding Plant* (first unit erected 1917) is of brick and frame construction with a tile roof. There are eight silos built in a circle to enclose a feed room. The plant is also used as a storage place for feed for the animal husbandry department.

*The Experimental Dairy Barns* (erected 1912) comprise three round barns, the largest having a reinforced concrete silo in the center; a semi-detached rectangular structure with a Grout silo adjacent; and a small dairy house and shop. The barns are of frame construction on brick walls with solid floors of the mill type of construction. The dairy house is of frame construction, two stories in height, and contains office, shop, coal room, dairy room, and four sleeping rooms for employees.

*The Stock Pavilion* (erected 1913) is a fireproof building with circular ends, providing a show arena 216 feet long and 65 feet wide. Seats of concrete provide accommodations for 2,000. The arena may be divided into three parts, giving three separate judging rooms. The building also contains class rooms and offices. The exterior is of brick and terra cotta, renaissance in design, the frieze being enriched with medallions of animal heads.

*The Genetics Building* (erected 1915-16) is a one-story brick structure housing the laboratories, offices, and animal rooms of the division of genetics.

*The Horticulture Greenhouse Group* (erected 1912-13) includes (1) a floricultural group and (2) a vegetable and plant breeding group.

(1) *The Floriculture Greenhouse Group* (erected 1912-13) consists of a two-story and basement service building and ten glass structures. The service building is of hollow tile and cement construction, and contains laboratories, lecture room, sales room, offices, seminar room, and potting, storage, and work rooms.

(2) *The Vegetable and Plant Breeding Greenhouse Group* (erected 1912-13) consists of a glass house for vegetable growing, two houses for plant breeding, a wire house, and a two-story and basement service building, containing laboratories, work rooms, class rooms, offices, and storage rooms.

*The Horticultural Field Laboratory Building* (erected 1921-22) is situated on the 320-acre horticultural farm. It is two stories high, the center rising to a height of three stories. The building contains a cold storage plant which provides different degrees of temperature, working laboratories, a laboratory where types and varieties of fruits are examined and methods of handling and packing are demonstrated, a laboratory devoted to machinery for the preparation and distribution of insecticides and fungicides used in the protection of growing plants, and three laboratories for the receiving and sorting of fruits and vegetables, the canning of such products, the evaporation and preservation of fruit juices, and the making of cider and vinegars.

*The Law Building* (erected 1878) is the second oldest building on the campus. The building contains the Law Library, reading rooms with accommodations for over one hundred persons, the library stack, the librarian's office, offices for members of the law faculty, administrative offices, and class rooms.

*The Armory* (erected 1914-15) comprises a drill room with a clear area of 200 by 400 feet and a height of 98 feet at the center, the roof being carried

by fourteen three-hinged steel arches. The sides are of hollow tile and the ends, supported by columns, are of steel, glass, tile, and concrete, with wood frames and sashes. The drill floor is of sufficient area to permit the maneuvering of an entire battalion of the cadet brigade.

*The Armory Annex* is a temporary one-story building used as the military headquarters. It contains both offices and classrooms.

*The Smith Memorial Hall* (erected 1918-19) is a fireproof building of brick and stone, occupied by the School of Music. The building contains plenum chambers, machinery, and dressing rooms, the Director's offices, class rooms, studios, the recital hall, the Memorial Room dedicated to the donor, Captain Thomas J. Smith and his wife, Tina Weedon Smith, to whom the building is dedicated, and the Library, with a score trial room, eleven studios, forty-seven practice rooms, and a small lecture room. All studios and practice rooms are sound-proofed.

*The Administration Building* (erected 1914-15) is a three-story fireproof building of brick and stone. The building contains the rooms of the Board of Trustees and the offices of the President, the Registrar, the Comptroller, the Supervising Architect, the Dean of Men, the High School Visitor, the Alumni Association, the University Press, and the Information Office.

*The Library* (erected 1896-97; additions 1914 and 1918) is modern Romanesque in style, with a tower 132 feet high, and is built of Minnesota sandstone. The building houses the work of the library and of the Library School.

*The Auditorium* (erected 1907-8) is a brick and stone building for general meeting purposes. It contains an auditorium seating 2,000, a memorial vestibule, and a four-manual organ.

*The Men's Gymnasium* (erected 1901) is a three-story building of stone and pressed brick. This building contains a swimming pool, lined with white enamel bricks; general locker room, shower and steam baths; rooms for the University athletic teams; a room for visiting teams; a dressing room for members of the faculty; and offices for the physical director and the instructors in athletics, a large room fitted with modern appliances for gymnastic exercises, and an elevated running track, 15 laps to the mile.

*The Gymnasium Annex* (erected 1889-90) has a clear floor space of 15,000 square feet in one hall, while the addition (erected 1918) gives an additional area of about 7,500 square feet.

*The Woman's Building* (erected 1905) is in the New England colonial style of architecture, of brick and stone. This building houses the offices of the Dean of Women, women's rest rooms, parlors, the offices, class rooms, laboratories, cafeteria, and model apartment of the department of Home Economics, and the offices, gymnasiums, and swimming pool of the department of Physical Education for Women.

*The Women's Residence Hall* (erected 1917) is located on Nevada Street north of and adjacent to the recreation field for women. It is a three-story fireproof brick and stone building of colonial design. It will accommodate 150 girls. There are both double and single rooms, a suite for the matron, and rooms for servants. The basement contains the kitchen and dining room in each wing overlooking the sunken garden in the court. In the center of the first floor is a living room with adjoining parlors. A large sleeping porch occupies the south end of each wing on each floor.

*The President's House* (acquired in 1917) is located at 1203 W. Nevada Street, Urbana.

*The Health Service Building* (erected 1896) is a three-story frame building, in the colonial style, originally built for the President's house.

*The Isolation Hospital* (erected 1908) has been used as a hospital since 1914. It is a one-story stucco building, with a subsidiary service building providing a kitchen and additional ward space. The basement contains a supply room, a laboratory, and a complete disinfecting suite. The main floor is divided into three separate ward units, each with a capacity of seven beds and having a nurse's room with bath, a diet kitchen, a linen closet, a bath room, and a private room for use as an observation room or for serious cases.

*The Central Heat and Power Plant* (old boiler house erected 1902; new boiler house, 1910 and 1914). The new boiler house is equipped with six 500-horsepower B. & W. boilers with chain grates. The power plant contains a 250-kilowatt Allis-Chalmers direct connected steam engine and dynamo, a 500-kilowatt Westinghouse turbo-generator, and a 100-kilowatt Curtiss turbo-generator. The pipe lines of the heating system and the circuits for distributing electricity are carried from the central plant to the buildings through brick and concrete tunnels and clay and concrete conduits.

*The Pumping Station* of the University water-works is a brick building, connected with the central heating station. Seven artesian wells supply the University with water. A masonry reservoir provides for a fire-reserve supply. The pumps, tanks, and connections are arranged to give opportunities for experimental work, and also to vary the working conditions in the adjacent hydraulics laboratory. In this building is kept the equipment of the University fire department, including a hose and chemical wagon.

*The University Garage* (erected 1922-23) is a one-story brick building housing the University automobiles.

## BUILDINGS IN CHICAGO

*The College of Medicine Building*, in which are housed all the departments except that of anatomy, is a brick and stone structure five stories high, fronting on three streets. It contains three lecture rooms with a seating capacity of two hundred each; a clinical amphitheatre with a seating capacity of over three hundred; an assembly hall with a seating capacity of seven hundred; and recitation rooms. It also contains laboratories for physiology, chemistry, materia medica, therapeutics, and microscopical and chemical diagnosis, each accommodating from fifty to one hundred students.

A three-story annex to the main building contains the pathology, bacteriology, and chemistry laboratories. These laboratories have outside light and are furnished with work tables, desks, lockers, and apparatus. There is a supply of microscopes, lenses, and oil immersions, and a projection apparatus for the illustration of lectures by stereopticon views.

*Research Library and Laboratory Building* (erected 1922-23) is a five story and basement fireproof structure of brick with limestone trimming with a three-story library wing, and is of the Gothic style of architecture. It is a unit of the group being erected by the University and the State, and houses research laboratories and the Medical Library. The building contains photographic rooms, book stacks, locker room, large reading room, offices, and research rooms. This building is connected by a passage way to the Research and Educational Hospital.

*The College of Dentistry*, adjoining the College of Medicine, occupies a separate six-story building, fronting on two streets. This building contains three amphitheatres, a clinical operating room, an infirmary, recitation rooms, the laboratories of gross anatomy and of prosthetic and operative dentistry, administrative offices, three dental depots, and four special laboratories, for research in histology and pathology, for anatomical modeling, for porcelain work, and for instructional and diagnostic work in radiography.

*The School of Pharmacy*.—In December, 1915, the University purchased for the School the property located at the corner of Wood and Flournoy streets and comprising eight city lots with two large brick buildings, connected by a fireproof central stairway tower. The new quarters were occupied in June, 1916.

The buildings include two substantial brick structures connected at each floor by a stair-tower building. The larger contains the offices, the library, the museum, the microscopical laboratory, the bacteriological laboratory, an auditorium, a lecture hall, a recitation room, preparation rooms and private laboratories for the teachers, student's rooms, and locker rooms. The smaller building contains pharmaceutical laboratories, the laboratory for quantitative analysis, the laboratory for qualitative analysis and several private laboratories for the teachers, as well as store rooms and supply rooms. The stair-tower building, of fireproof construction, provides the students' entrance, stairways to each floor, corridors, toilets, and rooms for the hydrogen sulphide generator and the distilled water supply.

#### LIBRARIES

(For the Library Staff see page 41.)

The University Library includes all the books belonging to the colleges and schools of the University which are situated in Urbana and also the libraries of the College of Medicine and the School of Pharmacy in Chicago.

The number of volumes, pamphlets, etc., in the several libraries on July 1, 1923, was as follows:

	<i>Volumes</i>	<i>Pamphlets</i>	<i>Maps</i>	<i>Pieces of Sheet Music</i>
<b>In Urbana:</b>				
General and Departmental Libraries . . . . .	510,142	58,721	2,278	6,155
<b>In Chicago:</b>				
College of Medicine . . . . .	27,479	2,405		
School of Pharmacy . . . . .	4,303	2,525		
<b>Total in University Library . . . . .</b>	<b>541,924</b>	<b>63,651</b>	<b>2,278</b>	<b>6,155</b>
<b>Other Libraries located at the University of Illinois in Urbana:</b>				
State Laboratory of Natural History Library . . . . .	11,173	58,115	94	
State Geological Survey . . . . .	2,990	6,175	1,085	

The Library is housed, for the most part, in the Library Building. The officers of instruction and administration of the University and the graduate students have direct access to the shelves. All students have the direct use of 10,700 volumes in the reading rooms, and in addition advanced students have the use of the seminar libraries. About 4,600 periodicals are currently received.

As a part of the Library are included several special collections: The *Dziatzko Collection of Library Economy*, the library of Karl Dziatzko, librarian of Göttingen University: 300 volumes, 250 pamphlets, bought in 1905. The *Dittenberger Collection of the Classics*, the library of Wilhelm Ditten-

berger, Professor of Classical Philology in the University of Halle: 5,600 items, bought in 1907. The *Heyne collection*, the philological library of Professor Moritz Heyne of the University of Göttingen: about 5,000 items, principally on German philology and literature, bought in 1909. The *Karsten collection*, principally on French and German philology and literature, the library of the late Professor Gustaf E. Karsten, presented by Mrs. Eleanor G. Karsten. The *Grober collection*, the library of the late Professor Gustav Grober, of Strassburg: 6,300 titles, principally on the Romance languages, purchased in 1912. The *Vahlen collection*, the classical library of the late Professor Johannes Vahlen, of Berlin: 10,000 volumes, purchased in 1913. The *Aron collection*, the pedagogical library of the late Dr. R. Aron, of Berlin: 20,000 volumes, purchased in 1913. The *Carl Martin James collection*, 1,030 volumes relating to statistics and similar subjects, presented in 1915 by President Edmund J. James. The *Rattermann collection*, of German-American literature and history: 7,000 volumes, purchased in 1915. The *Amanda K. Casad collection*, relating to history, economics, politics, and education: 1,732 volumes, presented in 1916 by President Edmund J. James. The *Constance Barlow-Smith collection*, of musical scores: manuscript books, and portraits, presented in 1916 by the late Mrs. Constance Barlow-Smith. The *Thomas J. Burrill collection* of general and botanical literature, presented by Mrs. Burrill in 1917. The *Cavagna-SanGiuliani library* of over 40,000 volumes and pamphlets, purchased in 1921, in Italy.

A number of departmental libraries and reading rooms are maintained in various buildings on the campus. In some instances they are primarily for the use of the graduate students and advanced undergraduates.

*Mason Library of Western History.*—The library of western history collected by Edward G. Mason, Esq., long president of the Chicago Historical Society, is in the Public Library of the city of Champaign, and is accessible to students in the University.

## MUSEUMS AND COLLECTIONS

*Art.*—A collection of casts, photographs, and engravings presented to the University in 1876 by citizens of the community has, for want of a suitable gallery, been placed in different buildings on the campus. Eight large statues are in the Auditorium foyer. Numerous pieces are now in the studios of the department of art and design in University Hall, and others are in the corridors and class rooms of University Hall, Lincoln Hall, Natural History Hall, and the Library. A collection of German and Japanese prints purchased by the department of art and design from the St. Louis Exposition in 1905 is displayed in the rooms of the department.

Other collections of value to art students, consisting of a number of casts of Moorish, Spanish, and German ornament and miscellaneous casts, models, prints, and drawings, are placed in the studios and corridors of the department of Art and Design.

*Classical Archeology and Art.*—This museum is located in rooms 402, 404, and 406 Lincoln Hall, and contains casts and photographs of Greek and Roman sculpture; colored reproductions of ancient painting; many objects from the finds of the Egypt Exploration Fund, received through the generosity of Mr. W. G. Hibbard, Jr., of Chicago; numerous ancient coins, thirty Greek papyri; and other originals of models of Greek and Roman antiquities. About 2,200 photographs exhibit important historic sites and

archeological remains, and in addition there are available 1,900 slides belonging to the department of classics.

*European Culture.*—This museum is in rooms 401, 403, 405, and 409 Lincoln Hall. It contains casts of Romanesque, Gothic, and Renaissance sculpture; color reproductions of paintings, including the rare Pol de Mont reproductions of early Netherland masterpieces; originals and facsimiles of medieval manuscripts, early printed books, and early maps of the world; originals and reproductions of arms and armor; original Paleolithic and Neolithic antiquities, with selected reproductions of the Bronze and Iron Ages and of the Merovingian period; theatre models and prints of theatres and actors; peasant costumes; ship models; historical groups made by Dwight Franklin; originals and reproductions of early wood carving, early church ivory carving and metal work; Delft ware collected by Mrs. John Milton Gregory and given by her daughter; carbon prints of cathedrals and other photographic material; about 350 coins; reproductions of runic inscriptions, early musical instruments, and other objects.

*Oriental Museum.*—This museum occupies room 410 Lincoln Hall. Among its collections are 1,700 unpublished cuneiform tablets, the majority from Drehem, Umma, and Larsa, dating from the twenty-ninth to the twentieth century B. C., the others from the period of Nebuchadnezzar; Babylonian seals; fragments of Assyrian and Babylonian bricks with royal inscriptions; pottery, slate palettes, mummy case fragments, mummified sacred birds, and small objects from Egypt, the gift of Mr. W. G. Hibbard, Jr., of Chicago; Egyptian alabasters; squeezes or paper impressions of Hittite and Assyrian inscriptions, loaned by Dr. B. B. Charles of Philadelphia; squeezes of Phoenician inscriptions; pottery and pottery fragments representing the survey of two hundred ancient sites in the Near East; objects from Palestine, including two Hebrew manuscripts, models of domestic furniture, pottery, and prehistoric implements, and a number of unpublished photographs of the Near East.

*The Museum of Natural History*, on the second and third floors of the Natural History building, contains modern exhibits in zoology and geology, including such topics as classification, evolution, variation, geographic distribution, habitat relations, commercial use of natural resources, archeology, ethnology, and American Indians. Special exhibits include the Greenland Eskimo material obtained by the Crocker Land Expedition and the archeology of the Cahokia Mound Builders, obtained by the recent explorations carried on by the University. The research collections number upwards of 500,000 specimens, and are indicated in the departmental descriptions below.

*Botany.*—The herbarium contains over 100,000 sheets of mounted specimens. It is representative of the higher plants and fungi of Champaign County and of the State, and forms a collection for the general flora of the United States. The herbaria of Brendel, Welsch, Schneck, Andrews, and of Mrs. Agnes Chase, are valuable for students of the Illinois flora. Because of the interest of the late Professor Burrill and his special students, Clinton, Earle, Seymour, and others, in the study of parasitic fungi, the part of the herbarium devoted to the representation of plants of this group is rich in material records of investigation, to which has been added the Stevens collection of Porto Rican fungi, fourteen thousand numbers. The published "exsiccatae" in this group are well represented. The Mrs. Mary S. Snyder



set of the Phycotheca Boreali-Americana, representing over 2,000 named species, has increased the value of the herbarium for students of algae.

*Entomology.*—The entomology collections of the University include a series of 6,400 specimens, representing 1,600 common species; the Bolter collection, which contains 120,000 specimens representing 16,000 species, and the Mason collection containing about 50,000 specimens. The department has access, also, to the insect collections of the State Laboratory of Natural History, which contain 330,000 pinned insects and 26,000 vials and bottles of specimens in alcohol, mainly from Illinois.

*Geology.*—This collection illustrates the principal phases of geology, including 10,000 hand specimens of rocks, 3,000 thin sections for microscopic study, over 12,000 minerals, and 60,000 fossils, exhibits of gems and precious stones, meteorites, polished ornamental stones, and specimens illustrating geologic structures, and the principal types of rocks, minerals, and fossils. The collections available for advanced students include those of Tyler McWhorter, Hertzner, the greater part of the specimens collected both privately and for the State Geological Survey by A. H. Worthen, the Carr and Daniels collection of coal plants and animals from Mazon Creek, and the Baker collection of Pleistocene invertebrates.

*Geography.*—The geography collection consists of a complete file of the United States topographic maps; a collection of U. S. Geological Survey folios; combined contour maps representing the physiographic provinces of the United States; a collection of foreign topographic maps; rainfall and vegetation maps; relief models of all the continents and of smaller areas; and several thousand lantern slides.

*Zoology.*—The zoology collections present a synoptical view of the zoology of the State. The mounted mammals include a collection of the ruminants of the United States and representatives of the other orders of Mammalia except the Sirenia. The same orders are also represented by mounted skeletons. There are also a collection of mounted birds; the Barnum collection of bird's eggs; nests and eggs of Illinois birds; mounted skins of larger species of cold-blooded vertebrates, both terrestrial and marine; mounted skeletons of typical representatives of the principal groups; alcoholic specimens; casts; alcoholic specimens of all classes and orders of Mollusca, and dissections showing the internal anatomy of typical forms; several thousand shells, belonging to more than 2,000 species (the collection of the Illinois aquatic species is nearly complete); several hundred dried specimens and alcoholics, and a series of Blanschka glass models of the lower invertebrates; several sets of Ziegler wax models and series of sections and other preparations showing the embryology of vertebrates and invertebrates. The study collections include the Nason, Daniels, Hinkley, and Baker collections of Mollusca, embracing about 250,000 specimens representing upwards of 7,000 species.

The collections of the State Laboratory of Natural History are available for illustrative purposes, as well as for original investigation by advanced students.

*Commerce and Business Administration.*—For its courses in industrial economics and commerce the University has a collection of the materials in commerce, showing the various stages in production, from the raw materials to the finished articles; lanterns and several hundred slides; political and industrial maps; and diagrams and stereoscopic views illustrating phases of commerce and industry.



*Engineering.*—The departments of the College of Engineering maintain collections of materials drawn from their respective fields of practice. The Department of Architecture has a number of reproductions of fragments from architectural monuments. The Department of Ceramic Engineering has a collection of modern wares representing various types of bodies, glazes, and methods of decoration. The Departments of Civil Engineering and Theoretical and Applied Mechanics maintain exhibits of tested specimens and structures. The Department of Mechanical Engineering is the custodian of a 600 h.p. vertical triple-expansion engine, directly connected to an electric generator, a type of machine in common use for power station service twenty years ago, and numerous machines of historical value, with a collection of exhibits of engineering apparatus. In the mining museum is a collection of models showing the methods of working coal and ore mines and both sectionalized and operating mining machines, and appliances. Collections of photographs and blue prints illustrate all phases of mining and metallurgical design and construction. This department has also collections of specimens of ores, coals, non-metallic minerals, and metallurgical products. The Department of Railway Engineering maintains exhibits of track rails typifying practice since the beginning of railway construction; many details employed in car and locomotive construction, historic and modern; and an extensive collection of photographs and prints. The Engineering library has about 4,800 lantern slides. The Ricker Library of Architecture includes also 15,000 mounted photographs and 11,000 lantern slides.

*Agriculture.*—The agricultural departments maintain collections illustrative of their work. The collections include specimens of standard varieties of corn; wax models of fruit and vegetables; a horticulture herbarium; specimens of breeds of live stock; a collection of farm machinery; and exhibits of negatives and samples showing the progress of investigations with fruit, crops, and soils.

*Library School Collection.*—The School has made a collection of books and pamphlets on library science; library reports, bulletins, and catalogs; mounted samples showing methods of administration in libraries; bookplates; books, photographs, and lantern slides on library architecture and the history of books, printing, and libraries.

## ADMINISTRATION

### GOVERNMENT

The government of the University is vested by law primarily in a Board of Trustees, consisting of eleven members. The Governor of the State and the Superintendent of Public Instruction are members *ex officio*. The other nine members are elected by the people of the State for terms of six years; the terms of three members expire every second year.

The administration of the University is vested by the Board of Trustees in the President of the University, the Provost, the Senate, the Council of Administration, the Faculties of the several colleges, the Deans of the colleges, and the Directors of the schools.

The President is the administrative head of the University.

The Senate is composed of all officers of full professorial rank and those other members of the faculty who are in charge of separate departments of the various colleges and schools. It is charged with the direction of the general educational policy of the University.

The Council of Administration is composed of the President, the Dean of the Graduate School, the Deans of Men and Women, and the Deans of the several colleges. It constitutes an advisory board to the President, and has exclusive jurisdiction over all matters of discipline. The Council does not determine educational policy; but when any matter arises which has not been provided for by common usage or by rule of the Senate and cannot be conveniently laid over until the next meeting of the Senate, the Council may take action according to its discretion.

The Faculties of the colleges and schools of the University, composed of the members of the corps of instruction of these colleges and schools, have jurisdiction, subject to higher University authority, over all matters which pertain exclusively to these organizations.

The Dean of the Graduate School, the Deans of the several colleges, and the Directors of the schools are responsible for the carrying out of all University regulations within their respective departments.

### DEPARTMENTS AND CURRICULA

For the purpose of administration the University is divided into several colleges and schools. These are not educationally separate, but are interdependent and form a single unit. The list follows:

- I. The College of Liberal Arts and Sciences
- II. The College of Commerce and Business Administration
- III. The College of Engineering
- IV. The College of Agriculture
- V. The College of Education
- VI. The College of Law
- VII. The School of Music
- VIII. The Library School
- IX. The School of Railway Engineering and Administration
- X. The Graduate School
- XI. The College of Medicine
- XII. The College of Dentistry
- XIII. The School of Pharmacy

## ADMISSION

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An applicant for admission to any of the colleges or schools of the University must be at least sixteen years of age except that the Council of Administration may admit on petition a student over fifteen years of age but less than sixteen who meets the requirements for admission and who is to reside when he enters the University with his parents or guardians, or with some one chosen by them. Candidates for admission to the College of Dentistry (Chicago), and to the School of Pharmacy (Chicago), must be seventeen years of age.

Women are admitted to all departments on the same terms as men.

Students are admitted to the professional departments in Chicago (Medicine, Dentistry, and Pharmacy) only at the beginning of the first semester (during the first ten days of October); they can enter the College of Engineering to best advantage at the opening of the school year in September. In all other cases they should enter if possible at the beginning of the semester.

*Scholarship Requirement for Non-Illinois Students.*—An applicant for admission to the University who is not a legal resident of Illinois will be required to present with his application for admission to any of the colleges or schools of the University, except as a special student or as a student in the Graduate School, satisfactory evidence that he maintained at the school or college from which he would enter the University of Illinois a scholastic average at least ten percent above the passing grade of such school or college. In case of records which are not kept in numerical grades but in literal or other systems of grading, this requirement will be interpreted to mean an average of one grade above the passing grade; e.g., in a system of A, B, C, and D, with D as the passing grade, the average must be C.

*The Undergraduate Colleges.*—Fifteen units of secondary school work in acceptable subjects must be offered by every candidate, and *no conditions are permitted*. A unit represents the work of 180 recitation periods of forty minutes each, or the equivalent in laboratory or other practice.

The subjects and credits required by the University for admission to the various curricula in the undergraduate colleges and schools for the year beginning September 1, 1924, are given on the following page.

(For the requirements for the academic year 1923-24 see the Annual Register for 1922-23.)

**REQUIREMENTS FOR ADMISSION**  
*For Students Entering in September, 1924, and thereafter*  
*Undergraduate Colleges and Schools*  
(Expressed in terms of high-school units)

[illegible]

Whenever two units of language are required both units must be in the same language.

It is desirable that students who intend to pursue curricula involving college mathematics, physics, or advanced chemistry, or those in which university courses in mathematics are prescribed, should present for admission *one-half unit of advanced algebra* in addition to the required unit common to all.

Attention is called to a requirement effective in September, 1924, that in any curriculum in which less than 15 hours of laboratory science are required a student who enters without at least one unit of laboratory science shall be required to substitute 5 hours of a laboratory science for 5 hours free electives in the requirements for graduation.

Candidates for the curriculum in athletic coaching must pass physical and medical examinations.

### SUBJECTS ACCEPTED FOR ADMISSION

LIST A.—*Required of all:* (Note also the special prescriptions for the various curricula as given in the preceding table).

	UNITS
English (Composition and literature) .....	3
Algebra .....	1
Plane Geometry .....	1
<i>Total</i> .....	<hr/> 5

LIST B.—*General Electives:*

	POSSIBLE CREDITS BY UNITS
Latin .....	1-4
Greek .....	1-4
French .....	1-4
German .....	1-4
Spanish .....	1-4
Italian .....	1-3
English (4th unit) .....	1
Advanced algebra .....	$\frac{1}{2}$ -1
Solid geometry .....	$\frac{1}{2}$
Trigonometry .....	$\frac{1}{2}$
Greek and Roman history .....	1
Medieval and modern history .....	1
English history .....	$\frac{1}{2}$ -1
American history .....	$\frac{1}{2}$ -1
Civics .....	$\frac{1}{2}$ -1
Economics and economic history .....	$\frac{1}{2}$ -1
Commercial geography .....	$\frac{1}{2}$ -1
Physiography .....	$\frac{1}{2}$ -1
Physiology .....	$\frac{1}{2}$ -1
Zoology .....	$\frac{1}{2}$ -1
Botany .....	$\frac{1}{2}$ -1
Physics .....	1-2
Chemistry .....	1-2

LIST C.—*Special Electives:*

Only 4 units may be chosen from this group:

Astronomy .....	$\frac{1}{2}$
Geology .....	$\frac{1}{2}$ -1
Agriculture .....	1-3
Bookkeeping .....	1
Business law .....	$\frac{1}{2}$
Commercial arithmetic (accepted only when preceded by one year of work in high school mathematics) .....	$\frac{1}{2}$
Domestic science .....	1-3
Drawing, art and design .....	$\frac{1}{2}$ -1
Drawing, mechanical .....	$\frac{1}{2}$ -1
Manual training .....	1-2
Foreign language (other than those of List B) .....	1-2
General science .....	$\frac{1}{2}$ -1
Music .....	1-2
Shorthand and typewriting..... (must be offered together)	1-2

## SUBJECTS RECOMMENDED FOR ADMISSION

The subjects listed in the preceding table as required by the University for admission to the various colleges, schools, and curricula are those which are considered essential preparation for college work and without which the student may not be admitted. In order to assist prospective students to select courses in high school which will give most effective preparation for later work in college, there are presented below lists of additional subjects which are strongly recommended. In planning his work the prospective student should endeavor to include these subjects in his curriculum.

1. *The College of Liberal Arts and Sciences.*

For the curricula in chemistry, chemical engineering, and home economics—physics, one unit.

For the pre-medical curriculum—two units in laboratory science (physics, chemistry, botany, and zoology).

For all other curricula—foreign language, one or two units, in addition to the units prescribed; history and civics, two units; laboratory science, one unit.

2. *The College of Commerce and Business Administration.*

For all curricula—advanced algebra, one-half unit.

3. *The College of Engineering.*

For all curricula (stated in the order of preference)—French or German or Latin, two units; physics or chemistry, one unit; botany, zoology, physiography, geology, one unit; history (American, Ancient, European), one and one-half units; civics, one-half unit.

4. *The College of Agriculture.*

For all curricula—physics or chemistry, one unit; advanced algebra and solid geometry, one unit.

## SOURCES OF ACCEPTABLE CREDITS

The credits required for admission to the undergraduate departments, as detailed above, may be secured:

- (a) By *certificate* from an accredited high school or other secondary school.
- (b) By *examination*.
- (c) By *transfer* from another university or college of recognized standing.

## (A) ADMISSION BY CERTIFICATE

A candidate for admission *by certificate* must be a *graduate* of an accredited school.

An applicant *who has attended but who has not been graduated from* an accredited school must pass entrance examinations in the following subjects, amounting to 5 units:

English composition .....	1 unit
Algebra .....	1 unit
Additional subjects to be designated by the University authorities .....	3 units
<i>Total</i> .....	<u>5 units</u>

The remaining 10 units necessary to make up the 15 units required for admission may also be made in entrance examinations or may be offered by certificate from an accredited school.

Blank certificates for students wishing to enter the University by *certificate* from an accredited high school or academy may be had of the Registrar. They should be obtained early and should be filled out and sent to the Registrar for approval as soon as possible after the close of the high-school year in June. Certificates received at the University after September 3 (in 1924) will be held until the arrival of the students unless such certificates are accompanied by an addressed envelope with a special delivery stamp.

*Accredited Schools.*—The High School Visitor of the University visits and inspects, on request, high schools and other preparatory schools throughout the State. On the basis of his reports, approved by the Committee on Accredited Schools and by the Council of Administration, the University accredits all work which is found to be sufficiently well done. For a list of accredited schools, address the High School Visitor. Not all the schools named in this list are accredited for the same amount of work or all for the same subjects. A student presenting a certificate from any one of these schools will be given entrance credit for all the subjects named therein *for which the school is specifically accredited as shown in the certificate of its accredited relation issued to the school by the University*.

Entrance credits will also be accepted on certificate from the following sources:

1. From schools accredited by the North Central Association of Colleges and Secondary Schools.
2. From schools accredited to the state universities which are included in the membership of the North Central Association of Colleges and Secondary Schools, provided the certificate shows that the Illinois standard time requirements have been met.
3. From schools accredited by the Southern Association of Colleges and Secondary Schools.

4. From schools approved by the New England College Entrance Certificate Board.

5. From high schools and academies registered by the Regents of the University of the State of New York.

6. From the state normal schools of Illinois and other state normal schools having equal requirements for graduation.

*Foreign Students.*—Candidates for admission who come from foreign countries should bring complete official credentials. Certificates from Oriental and Slavic countries must be accompanied by certified translations. On arriving at the University foreign students should consult with the Assistant Dean of Foreign Students, Room 152, Administration Building.

## (B) ADMISSION BY EXAMINATION

*The University Entrance Examinations.*—Entrance examinations are given at the University in Urbana (in Room 100, Commerce Building) three times in each year: in September, immediately before the opening of the fall semester; in January and February, shortly before the opening of the spring semester; and in July, during the Summer Session. Similar examinations are given in Chicago five times in each year, about March 15, June 15, August 15, September 15, and December 15. These examinations cover substantially all the subjects required or accepted for admission. Programs may be obtained by addressing the Registrar.

*The Examinations of the College Entrance Examination Board.*—The certificate of the College Entrance Examination Board, showing a grade of 60 percent or higher, will be accepted for admission in any subject in the lists on pages 60 and 61 in the amounts there specified as being acceptable. These examinations will be held during the week of June 17-24, 1924.

All applications for examination must be addressed to the Secretary of the College Entrance Examination Board, 431 West 117th Street, New York, N. Y., and must be made on a blank form to be obtained from the Secretary of the Board on application.

Applications for examination at points in the United States east of the Mississippi River, and at points on the Mississippi River, must be received by the Secretary of the Board at least three weeks in advance of the examinations, that is, on or before Monday, May 27, 1924; applications for examination at points in the United States west of the Mississippi River or in Canada must be received at least four weeks in advance of the examinations, that is, on or before Monday, May 20, 1924; and applications for examinations outside of the United States or Canada must be received at least six weeks in advance of the examinations, that is, on or before Monday, May 6, 1924.

Applications received later than the dates named will be accepted when it is possible to arrange for the admission of the candidate concerned, but only on payment of \$9.00 in addition to the usual fee.

The examination fee is \$9.00 for all candidates examined at points in the United States or Canada, and \$20.00 for all candidates examined outside of the United States and Canada. The fee should be remitted by postal order, express order, or draft on New York to the order of the College Entrance Examination Board and should accompany the application.

A list of the places at which examinations are to be held by the Board in June, 1924, will be published about March 1. Requests that the examina-



tions be held at particular points, to receive proper consideration, should be transmitted to the Secretary of the Board not later than February 1.

*The New York Regents' Examinations.*—Credits will be accepted, also, from the examinations conducted by the Regents of the University of the State of New York.

#### (C) ADMISSION BY TRANSFER OF ENTRANCE CREDITS FROM OTHER COLLEGES OR UNIVERSITIES

A person who has been admitted to another college or university of recognized standing will be admitted to this University upon presenting a certificate of honorable dismissal from the institution from which he comes and an official statement of the subjects upon which he was admitted to such institution, provided it appears that the subjects are those required here for admission or real equivalents. No substitutes will be accepted for the subjects *prescribed* by the University for all colleges or for individual colleges except that a student who comes from a college or university rated in Class A by the Committee on Admissions from Higher Institutions, with a record of thirty hours without failures or conditions and with an average grade ten percent above the passing grade of the college, may be matriculated irrespective of deficiencies in prescribed subjects.

*Admission to Advanced Standing.*—After matriculation, an applicant may secure advanced standing either by examination or by transfer of credits.

1. *By examination.*—Advanced standing is granted only by examination unless the applicant is from an approved school. Examinations for advanced standing are given without fee if taken within 60 days after matriculation; if taken later, a fee of \$5.00 is charged for each examination.

2. *By transfer of credits.*—Credits may be accepted for advanced standing from another university or a college or a junior college of recognized standing or from a state normal school. In general it is unwise for a student to enter a specialized curriculum at the university as late as the beginning of the senior year. An applicant for advanced standing by transfer must present a certified record of work done in the institution from which he comes, accompanied by a summary of his preparatory work and by a letter of honorable dismissal. Students intending to transfer to the University of Illinois should send their credentials to the Registrar as early in the summer as possible.

Students in large number enter the University each year after completing one, two, or even three years at other universities and the colleges of the State. In recognition of this situation the University is cooperating cordially and sympathetically with the higher institutions in the State in their endeavor to coordinate their work with that of the University. In order that definite information may be had in advance in regard to the credit which may be allowed from a specific institution, the University, in conference with the colleges, has adopted certain standards for accrediting and has classified the higher institutions within the State in accordance with the manner in which they are able to meet these standards. Students from the colleges which have met these standards in full upon entering the University receive hour for hour credit but in applying for a degree will be expected to conform to all the prescriptions and limitations as to credit announced for their chosen curriculum.

The Registrar of the University will, on application, gladly furnish full information in regard to the transfer from Illinois colleges.

*Admission as Unclassified Students.*—Persons over twenty-one years of age may be admitted as unclassified students in the undergraduate colleges, provided they secure (1) the recommendation of the instructor whose work they wish to take, and (2) the approval of the dean of the college concerned. They must give evidence that they possess the requisite information and ability to pursue profitably, as unclassified students, their chosen subjects, and must meet the special requirements for the particular college in which they wish to enroll, as stated below.

An unclassified student is not matriculated and must pay a tuition fee of \$7.50 a semester in addition to the regular incidental fee of \$25.00 a semester if a resident of the State, or of \$37.50, if a non-resident.

No one may enroll as an unclassified student in any school or college of the University *for more than two years*, except by special permission, application for which must be made through the dean of the college.

A person registered as an unclassified student in one college and desiring to take a course in another college of the University must obtain the approval of the dean of the latter college.

*For the College of Liberal Arts and Sciences* the University requires a written application, accompanied by official certificates, indicating the character and extent of the applicant's preparatory work, and showing honorable dismissal from the school last attended. In order that action may be taken on such applications before registration they should be presented at least one week before the beginning of the semester.

*For the College of Engineering* the University requires that applicants for admission as unclassified students shall satisfy the entrance requirements in mathematics and English (one and one-half years of algebra, one year of plane geometry, one-half year of solid geometry, one year of English composition, and two years of English literature).

*For the College of Agriculture* the University will receive non-matriculants twenty-one years old or over, provided that if deficient in English, as measured by the requirements for matriculation, they shall arrange to carry English as one subject until that deficiency is made good; and provided further, in the case of men, that they shall have at least two years of experience in practical agriculture.

*For the College of Law* the University has a regulation providing that no credit earned by an unclassified student in the College of Law may be counted toward a degree in law.

*Deficiencies.*—Students may not enter with a deficiency in preparatory work. The full requirements as stated above must be presented before the applicant may enter.

*No-Credit Course in Rhetoric for Deficient Students.*—Early in the first semester the Department of English determines by a series of tests, including the writing of several compositions, the grade of each student's preparation to pursue the freshman work in rhetoric, and places those students who are found to be insufficiently prepared in a special course for which no credit is given.

## THE PROFESSIONAL SCHOOLS

*College of Education.*—For admission to the *two-year professional curricula* in the COLLEGE OF EDUCATION, leading to the degree of Bachelor of Science in education, a candidate must be able to matriculate in one of the under-

graduate colleges and must offer in addition *60 semester hours* of college credit (exclusive of military science.)

(For the requirements for the undergraduate curricula in Athletic Coaching and Industrial Education in this College, see above).

*College of Law.*—For admission to the *three-year curriculum* in the COLLEGE OF LAW as a regular student an applicant must be matriculated and have 60 hours' credit in a college of this University; or have completed two full years of work as given at another college or university of recognized standing, as a matriculated student in such college or university; or have received by transfer 60 hours of university credit here.

For admission to the *four-year curriculum* in the COLLEGE OF LAW an applicant must have completed 60 hours of work, exclusive of physical education and military, in a college of this University, or at another college or university of recognized standing.

*Library School.*—Admission to the LIBRARY SCHOOL is conditioned on the presentation of credentials showing that the applicant holds a bachelor's degree in arts or science from the University of Illinois or has had other equivalent training.

Application blanks for admission may be secured from the Director of the School, and these, filled out, should be filed, with documentary material showing qualifications for admission, generally not later than August 1. It is to the candidate's interest to present his application and certificates early, in order that the question of admission may be settled before he comes to Urbana.

For admission as an *unclassified student* to the Library School a written application is required, accompanied by official certificates, indicating the character and extent of the applicant's preparatory and college work. In order that action may be taken on such applications before registration day, they should generally be presented not later than one month in advance. It is the practice to admit as *unclassified students* only those persons who, tho unable to meet the requirements for entrance, are substantially prepared for thoro and advanced work. Such persons must present evidence of possessing the information and ability to pursue the chosen subjects profitably. They must also present some substitute for the requirements for entrance, such as approved library or teaching experience or foreign travel. Preference will be given to those engaged in library work, especially in Illinois libraries. Such students are expected to take the regular curriculum, or, failing that, as much of the prescribed work as they are prepared for.

*College of Medicine (Chicago).*—For admission to the COLLEGE OF MEDICINE, candidates must present:

1. Four years' work in an accredited high school or the equivalent, comprising not fewer than 15 units in acceptable subjects, including prescribed subjects as follows:

English .....	3 units
Algebra .....	1 unit
Plane geometry .....	1 unit
Latin, Greek, German, or French (both units in the same language)....	2 units
History and civics .....	1 unit
Electives .....	7 units
<i>Total</i> .....	15 units

2. Two years' work in a recognized college or university, comprising not less than 60 semester hours, and including prescribed subjects as follows:

	SEMESTER HOURS
Chemistry (including organic chemistry, 4 semester hours).....	12
Physics (at least 2 hours of laboratory work).....	8
Biology (at least 4 hours of laboratory work, see note 1).....	8
English.....	6
German, French, Spanish, or Italian (see note 2).....	6
Electives outside of the chemical, physical, and biological sciences (see note 3)	6
Free electives (see note 3).....	14
<i>Total</i> .....	60

NOTE 1: BIOLOGY.—Four of these 8 semester hours must consist of laboratory work. This requirement may be satisfied by a course of 8 semester hours in either general biology or zoology, or by courses of 4 semester hours each in zoology and botany, but not by botany alone.

NOTE 2: GERMAN, FRENCH, SPANISH, OR ITALIAN.—German or French is preferred. The student is strongly urged to secure a reading knowledge of one of these languages. This will ordinarily require at least two years' work in the high school followed by at least 6 hours' work in the same language in college, or two years' work (at least 12 hours) in college if the language was not begun in the high school, or the equivalent.

NOTE 3: ELECTIVES.—As desirable electives the following subjects are suggested: psychology; college algebra and trigonometry; additional English; economics, history, sociology, political science; logic; Latin, Greek; drawing. Among the free electives advanced chemistry, zoology, and botany may be offered.

*Students registered in the medical curriculum.*—The seven year medical curriculum offered by the University (p. 194) consists of two years of pre-medical work at Urbana, including the subject requirements stated above, two years of pre-clinical work in the College of Medicine in Chicago (for these four years a B.S. degree may be given), two years of clinical work in the College of Medicine at Chicago, and one year as an interne in a hospital approved by the University. The registration of students at Urbana who have completed the requirements of the first two years of the medical curriculum (the pre-medical work) and who have done in residence at the University at least two semesters of such curriculum is continued in the College of Medicine subject to the following conditions:

1. The student who wishes thus to continue his work in the University must signify his intention to the Registrar on a form provided by him not later than March 1 of the year in which he purposes to continue his work in the Chicago department, if he is to complete his pre-medical work in June. If the work is to be completed in the Summer Session, the form referred to must be filed by July 1.

2. The student must comply with the general regulations for registration in the University in the medical course. This includes the payment of fees in advance.

3. A student who is on probation in the University at the time of continuing his University registration in the Chicago departments will be continued on probation.

*No conditions are permitted.*—Candidates for admission who, in June, 1924, will have completed the above requirements except for a few hours in collegiate subjects should plan to make up these deficiencies in full by attendance at summer sessions during the summer of 1924.

*College of Dentistry (Chicago).*—For admission to the COLLEGE OF DENTISTRY, candidates must present:

1. Four years' work in an accredited high school or the equivalent,

comprising not fewer than 15 units in acceptable subjects, including prescribed subjects as follows:

English .....	3 units
Algebra .....	1 unit
Plane geometry .....	1 unit
Laboratory science (must be physics if this subject is not included among the 30 hours pre-dental college work) .....	1 unit
Electives (see general electives, page 5) .....	9 units
<i>Total</i> .....	15 units

2. One year of work in an approved college of liberal arts and sciences, comprising not fewer than 30 semester hours, and including prescribed subjects as follows:

Chemistry .....	6 semester hours
Biology or Physics (Physics must be presented if it has not been taken in the high school) .....	6 semester hours
English .....	6 semester hours
Electives .....	12 semester hours
<i>Total</i> .....	30 semester hours

*School of Pharmacy (Chicago).*—The requirements for the SCHOOL OF PHARMACY are the same as those for the undergraduate colleges at Urbana with respect to *high-school graduation*, the *number of units required*, the *acceptable subjects*, and the *prescribed subjects* (see pages 58 and 59).

The required fifteen units may be summarized as follows:

I. Prescribed subjects	
English (composition and literature) .....	3 units
Algebra .....	1 unit
Plane geometry .....	1 unit
II. Electives (general electives, not more than 4 units from List C) ....	10 units
<i>Total</i> .....	15 units

## GRADUATE SCHOOL

Admission to the Graduate School may be granted to graduates of institutions whose requirements for the bachelor's degree are substantially equivalent to those of the University of Illinois. A graduate of an institution meeting the requirements of a standard college (see p. 64) may be admitted to the Graduate School, provided he satisfies the Dean and the departments concerned that he will be able to proceed to the master's degree in a period not exceeding two years. *Admission to the Graduate School does not, however, imply admission to candidacy for an advanced degree, and gives no right or claim to be so admitted. Such candidacy is determined by the Faculty after the student has demonstrated by his work here, for from two to five months, that he has the ability to do major work of graduate character. A mere accumulation of "credits" or "grades" is not sufficient.*

## DESCRIPTION OF SUBJECTS ACCEPTED FOR ADMISSION

The amount of work in each subject which corresponds to the minimum number of credits assigned is shown by the description of subjects below. (See statement of work required for credit of one unit, page 58.)

1. AGRICULTURE.—A course in agriculture may be accepted for one unit of entrance credit, and two such courses may be accepted for two units,

if the work covered by each course is so related in its parts as to constitute one of the accepted divisions of agricultural work. At least half the time must be devoted to laboratory work.

2. **ALGEBRA, *One and one-half units.***—Fundamental operations, factoring, fractions, simple equations, extraction of roots, radicals, quadratic equations and equations reducible to quadratic form, surds, theory of exponents, proportion and variation, logarithms, and the analysis and solution of problems involving these principles.

**ALGEBRA, *One unit.***—Fundamental operations, factoring, fractions, simple equations, extraction of roots, radicals of second order, fractional exponents, variation and proportion, quadratics, including completing the square and simultaneous equations having one quadratic and one linear equation and quadratic systems of simple form.

3. **ASTRONOMY.**—A knowledge of the descriptive matter in a good text-book, and familiarity with the geography of the heavens, with the various celestial motions, and with the positions of the conspicuous naked-eye heavenly bodies.

4. **BOOKKEEPING.**—A knowledge of double entry bookkeeping, with emphasis on business transactions and their interpretation in the ledger accounts, through books of original entry; simple trading and profit and loss statements and balance sheets, and explanation of the meanings of the items involved. The work must be done under the immediate supervision of a teacher, and should amount to at least ten periods in class each week for one academic year.

5. **BOTANY.**—Acquaintance with the general structure of plants and of the principal organs and their functions, derived from a study of the objects, is required; also knowledge of the main groups of plants and the ability to classify and name the more common species. Laboratory note-books and herbarium collections must be presented.

6. **BUSINESS LAW.**—The amount of business law accepted is indicated by the scope of any of the ordinary text-books on the subject, such as Spencer's Elements of Commercial Law, Burdick's Business law, and White's Elements of Commercial Law.

7. **CHEMISTRY.**—Text-book and laboratory work so arranged that at least half of the time shall be given to the laboratory. The laboratory notes, bearing the teacher's indorsement, must be presented as evidence of the actual laboratory work accomplished. Candidates may be required to demonstrate their ability by laboratory tests.

8. **CRIVICS.**—The high-school course for one term should deal mainly with American government (local, state, and national), political institutions, and citizenship. Such text-books as Ashley, Forman, and Garner indicate the field required. A full year's high-school course may give attention to social problems.

9. **COMMERCIAL ARITHMETIC.**—The amount of work required is shown by any of the ordinary texts, such as Smith's, Finney's, Bookman's, Rowe's "New Essentials," Thurston's, and Baker's. Instructors should constantly emphasize the relation of arithmetic to business customs and procedures.

10. **COMMERCIAL GEOGRAPHY.**—The amount and character of the work accepted is covered in such books as Whitbeck's High School Geography, Smith's Commerce and Industry, Brigham's Commercial Geography, and Robinson's Commercial Geography.

11. DOMESTIC SCIENCE.—(a) An equivalent of 180 hours of prepared work with at least two recitation periods a week in foods. (b) An equivalent of 180 hours of prepared work with at least one recitation period a week in clothing. (c) An equivalent of 180 hours of prepared work with at least two recitation periods a week on the home. (Two periods of laboratory work are considered equivalent to one period of prepared work.) Either (a) or (b) or (c) will be accepted for one unit; or one-half unit may be accepted in each of these divisions. Where two years are offered, it is desirable that one semester in the second year be devoted to the home. (c) may be accepted as a third unit, providing it is given substantially as outlined in the Syllabus of Domestic Science and Domestic Art published by the University and that (a) and (b) are made prerequisite for it.

12. DRAWING.—Freehand or mechanical drawing, or both. Drawing books or plates must be submitted. The number of credits allowed depends on the quantity and quality of the work submitted.

13. ECONOMICS.—The principles of economics, with economic history, as given in any good elementary text-book.

14. ENGLISH COMPOSITION AND RHETORIC.—Spelling, punctuation, grammar, sentence structure, and paragraphing, and ability to write with considerable accuracy and effectiveness; knowledge of the application of grammatical terms and ability to state the essential principles of grammar and to explain the grammatical structure of sentences. The student is supposed to know the elementary principles of rhetoric, the technical terms used, and the application of the principles to ordinary composition. The degree of proficiency expected in grammar, rhetoric, and composition can hardly be acquired in less than one period each week for four years. During at least half of this time the student should have written compositions under supervision and have received individual criticism of his written work. A review of grammar and some supervised composition in the fourth preparatory year are strongly advised.

15. ENGLISH LITERATURE.—(a) Each candidate is expected to have read certain assigned literary masterpieces. With a view to a large freedom of choice, the books provided for reading are arranged in the following groups from which at least ten units are to be selected, two from each group. Each unit is here set off by semicolons.

I. The Old Testament, comprising at least the chief narrative episodes in Genesis, Exodus, Joshua, Judges, Samuel, Kings, and Daniel, together with the books of Ruth and Esther; the Iliad, with the omission, if desired, of Books XI, XII, XIII, XIV, XV, XVII, XXI; the Odyssey, with the omission, if desired, of Books I, II, III, IV, V, XV, XVI, XVII; Vergil's Aeneid. The Iliad, the Odyssey, and the Aeneid should be read in English translations of recognized literary excellence.

For any unit of this group a unit from any other group may be substituted.

II. Shakespeare's Merchant of Venice; Midsummer Night's Dream; As You Like It; Twelfth Night; Henry the Fifth; Julius Caesar.

III. Defoe's Robinson Crusoe, Part I; Goldsmith's Vicar of Wakefield; Scott's Ivanhoe or Quentin Durward; Hawthorne's House of Seven Gables; Dickens's David Copperfield or Tale of Two Cities; Thackeray's Henry Esmond; Mrs. Gaskell's Cranford; George Eliot's Silas Marner; Stevenson's Treasure Island.

IV. Bunyan's Pilgrim's Progress, Part I; Sir Roger de Coverly Papers in the Spectator; Franklin's Autobiography (condensed); Irving's Sketch

Book; Macaulay's Essays on Lord Clive and Warren Hastings; Thackeray's English Humorists; selections from Lincoln, including the two Inaugurals, the Speeches in Independence Hall and at Gettysburg, the Last Public Address, and the Letter to Horace Greeley, with a brief memoir or estimate; Parkman's Oregon Trail; either Thoreau's Walden or selection from Huxley's Lay Sermons; Stevenson's Inland Voyage and Travels with a Donkey; the *Atlantic's* Prose and Poetry.

V. Palgrave's Golden Treasury (First Series), Books II and III, with especial attention to Dryden, Collins, Gray, Cowper, Burns; Gray's Elegy in a Country Churchyard and Goldsmith's Deserted Village; Coleridge's Ancient Mariner and Lowell's Vision of Sir Launfal; Scott's Lady of the Lake; Byron's Childe Harold, Canto IV, and Prisoner of Chillon; Palgrave's Golden Treasury (First Series) Book IV, with especial attention to Wordsworth, Keats, and Shelley; Poe's Raven, Longfellow's Courtship of Miles Standish, Whittier's Snow Bound; Macaulay's Lay of Ancient Rome and Arnold's Sohrab and Rustum; Tennyson's Gareth and Lynette, Lancelot and Elaine, The Passing of Arthur; Browning's Cavalier Tunes; The Lost Leader, How They Brought the Good News from Ghent to Aix, Home Thoughts from Abroad, Home Thoughts from the Sea, Incident of the French Camp, Herve Riel, Phœdippides, My Last Duchess, Up at a Villa—Down in the City.

(b) In addition to the foregoing the candidate will be required to present a careful, systematic study, with supplementary reading, of the history of either English or American literature.

(c) The candidate will be examined on the form and substance of certain books in addition to those named under (a). For 1924 the books will be selected from the list below. The examination will be of such a character as to require a minute study of each of the works named. The list is:

Shakespeare's Macbeth; Milton's Comus, L'Allegro, and Il Penseroso; Burke's Speech on Conciliation with America, or Washington's Farewell Address and Webster's First Bunker Hill Oration; Macaulay's Life of Johnson, or Carlyle's Essay on Burns; a volume of modern short stories and a volume of modern essays.

The work outlined in (a), (b), and (c) counts for two units.

(d) The three units in English composition, rhetoric, and literature, as described above, are required for all students. A fourth unit may be obtained for one full year's additional work in the study of English and American authors.

16. **FRENCH, First year's work.**—Elementary grammar, with the irregular verbs. Training in pronunciation. About 100 pages of easy prose should be read. **Second year's work.**—Advanced grammar, with all the irregular verbs. Elementary composition and conversation. About 300 pages of modern French should be read. **Third year's work.**—Composition and conversation. About 500 pages of standard authors should be read, including a few classics. **Fourth year's work.**—Composition and conversation. Standard modern and classical authors should be read and studied to the extent of 700 pages.

17. **GENERAL SCIENCE.**—The subject matter must be such as to enable the student to interpret his obvious environment, both natural and mechanical, in terms of the fundamental principles of science involved. The work necessary to earn a full unit of credit must be conducted as a laboratory science with double periods for unprepared work.



18. **GEOLOGY.**—For one unit, a year's work as conducted in first-class high schools. Such a course includes the thoro study of one of the shorter modern text-books of geology, a generous amount of laboratory work on specimens, maps, models, etc., and, wherever possible, several field trips. Laboratory notebooks should be presented.

19. **GEOMETRY.**—(a) *Plane Geometry.* Emphasis is placed on the use of propositions in the solution of original numerical exercises and supplementary theorems.

(b) *Solid and Spherical Geometry.* Applications to the solution of original exercises are emphasized.

20. **GERMAN.**—Pupils should be trained to understand spoken German and to reproduce in writing and orally what has been read. A thoro knowledge of grammar is expected. *First year's work.*—Ability to read intelligently and with accurate pronunciation simple German prose, to translate it into idiomatic English, and to answer in German easy questions on the passage read. A few short poems memorized. Elementary grammar up to the subjunctive. Easy prose composition. *Second year's work.*—Modern writers; oral and written drill on elementary grammar. More importance is attached to accuracy and facility in simple modes of expression than to a theoretical knowledge of advanced syntax. *Third year's work.*—Modern prose. Advanced prose composition—based on German models. Oral practice. *Fourth year's work.*—Composition—free reproduction of portions of the text studied. Reading divided about equally between modern and classical authors.

21. **GREEK,** *First year's work.*—The exercises in a beginning book, and one book of the Anabasis or its equivalent. *Second year's work.*—Two additional books of the Anabasis and three of Homer, or their equivalents, and prose composition equal to one exercise a week for one year. *Third year's work.*—Three additional books of the Iliad, three of the Odyssey, and Books VI, VII, VIII of Herodotus, or an equivalent from other authors.

22. **HISTORY.**—One, two, or three units may be presented, to be chosen from the following list: Ancient history to 800 A.D., one unit; medieval and modern history, one unit; English history, one-half or one unit; American history, one-half or one unit.

Examinations for entrance will be given in all these subjects. The examination for each unit is intended to cover one full year of high-school work.

23. **LATIN,** *First year's work.*—Inflections and syntax as is given in a good beginners' book, the ability to read simple fables and stories. *Second year's work.*—Four books of Caesar's Gallic War, or its equivalent in Latin of equal difficulty; simple Latin prose based on the text. *Third year's work.*—Six orations of Cicero; simple Latin prose based on the text; historical references and the fundamentals of syntax. *Fourth year's work.*—Six books of Vergil's Aeneid, with history and mythology; the scansion of hexameter verse.

24. **MANUAL TRAINING.**—The requirement for one unit is the equivalent of 361 forty-minute periods in manual training following the syllabus prepared by the manual-training section of the High School Conference.

25. **MUSIC.**—Credit in harmony, history of music, and musical appreciation, one unit or two units, accepted by certificate, from schools accredited therefor, for admission to all departments of the University. Five hours of recitation a week without preparation will receive one-half unit. Written work will be required in all courses.

(a) **HARMONY,** *First year's work.*—Musical notation; major and minor scales; keys; signatures; intervals, general and specific; key relationships;

consonances and dissonances; triads, primary and secondary; inversions of triads; chord progressions; simple melodies harmonized with tonic, dominant, and sub-dominant harmonies. *Second year's work*.—Review of triads; seventh chords, primary and secondary; harmonization of simple melodies with triads and seventh chords; harmonic analysis; original work.

(b) HISTORY OF MUSIC.—Text-book work, with recitations and written work. The beginning of music, and the development of music since 1600 and acquaintance with the lives and productions of the greatest composers and performers. One year.

(c) MUSIC APPRECIATION.—The standard choruses and instrumental selections from the works of the great composers of each epoch; theory, sight-singing, and ear-training. One year.

(d) A COMPOSITE COURSE.—Harmony, history of music, and musical appreciation, any two of these subjects. In such a course at least one recitation a week in harmony with written preparation shall be included. Two years.

One unit of applied music may be accepted if one unit in theoretical music is offered at the same time and these courses have been preceded by two years of high school music.

For admission to the School of Music, two units in "practical" music, i.e., piano, voice, or violin, are required. Credit in the "practical" music is by examination. For two units in *piano*, students are required to play the following or the equivalent: Simple scales and arpeggios at fairly rapid tempo; scales in double octaves at moderate speed; Kunz Canons, or Bach Two-part Inventions; Czerny, Op. 299; an easy sonata of Haydn, Mozart, or Beethoven. For two units in *voice*, students are required to sing the following or the equivalent: Simple scales and arpeggios; studies selected from Concone, Sieber, Panofka, and Panseron; songs selected from Schubert, Schumann, and modern composers. For two units in *violin*, students are required to play the following or the equivalent: Gruenberg, Foundation Exercises, numbers 81 to 117; Kayser, Opus 20, Book 2; Wohlfahrt, Opus 74, Book 2; Allen, Polonaise, Opus 7; and Seitz, Concertino, No. 1, D major.

26. PHYSICS.—One year's high-school work in elementary physical science as presented in the text-books of physics. Laboratory practice in quantitative experiments must accompany the text-book work. The laboratory note-book will be considered as part of the examination.

27. PHYSICAL GEOGRAPHY.—One year's work covering such books as Salisbury, Barrows, and Tower, Modern Geography, or Whitbeck's High School Geography.

28. PHYSIOLOGY.—For one-half unit: The anatomy, histology, and physiology of the human body and the essentials of hygiene, taught with the aid of charts and models to the extent shown in Martin's Human Body (Briefer Course). For more than one-half unit, the course must include practical laboratory work.

29. SHORTHAND AND TYPEWRITING.—These subjects must be taken together; no credit is given for either by itself. For *one unit*, the time requirement is two periods daily for one year and the standard of attainment is 75 words a minute in taking dictation and 25 words a minute in typing such dictation. For *two units*, the time requirement is two periods daily for two years, and the standard of attainment is 100 words a minute in taking dictation and 35 words a minute in typing such dictation. Accuracy in spelling,

punctuation, capitalization, and paragraphing should be emphasized; and attention should be given to the care of the machine, methods of copying, manifolding, etc.

30. SPANISH, *First year's work*.—Elementary grammar, including the irregular verbs; training in pronunciation, and translation of simple Spanish when spoken; reading of about 100 pages of easy prose; simple composition and dictation. *Second year's work*.—In addition to the foregoing, about 300 pages of modern prose; elementary syntax; dictation, composition, and translation of spoken Spanish continued.

31. TRIGONOMETRY.—Plane trigonometry, as given in standard textbooks, including the solution of right and oblique triangles. Solution of practical problems, trigonometric identities, and trigonometric equations.

32. ZOOLOGY.—The instruction must include laboratory work equivalent to four periods a week for a half-year, besides text-book and recitation work. Note-books and drawings must be presented to show the character of the work done and the animals studied. The drawings are to be made from the objects themselves, not copied from illustrations, and the notes are to be a record of the student's own observations of the animals examined. The student should have accurate knowledge of the external anatomy of each of eight or ten animals distributed among the larger divisions of the animal kingdom, and should know something of their life histories and of their adaptations to environment. Special attention should be given to a study of the living animal. The names of the largest divisions of the animal kingdom, with their distinguishing characteristics, and with illustrative examples selected from familiar forms, ought also to be known.

## GRADUATION—FIRST DEGREES

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A bachelor's degree is conferred on any student who satisfactorily completes the curriculum described under one of the various colleges and schools, doing either the first three years, or the last year, of his work in residence at the University.

A candidate for a bachelor's degree must pass in the subjects marked *prescribed* in his chosen curriculum, and must conform to the directions given in connection with that curriculum in regard to electives. In the College of Liberal Arts and Sciences (for the A.B. degree), the College of Commerce and Business Administration, and the College of Agriculture, credit for 130 hours is required for graduation. In the curricula in chemistry and chemical engineering in the College of Liberal Arts and Sciences, in the College of Engineering, in the College of Law, in the Library School, and in the School of Music, the candidate must complete the curriculum as laid down.

In order to receive his bachelor's degree a student must have secured grades not lower than C in subjects aggregating at least three-fourths of the work, prescribed or elective, required for such degree. The system of grading is as follows: A, excellent; B, good; C, fair; D, poor (but passing); E, failure.

The number of hours required includes, for men, four in military drill and tactics and two in physical education; and for women, one in hygiene and four in physical education. Men excused from the military requirements, and women who do not take the course in physical education, must elect instead an equivalent number of hours in other subjects.

In all cases in which a thesis is required,<sup>1</sup> the subject must be announced not later than the first Monday in November, and the completed thesis must be submitted to the dean of the proper college by June 1. The work must be done under the direction of the professor in whose department the subject belongs, and must be in the line of the curriculum for which a degree is expected. The thesis must be presented on regulation paper; it is deposited in the library of the University.

The annual commencement exercises are held in June, but degrees may be conferred at other times as follows:

Students who complete their work at the end of the first semester may, on application, be recommended for their degree at the February meeting of the Senate.

Students who are to complete their work for the bachelor's or the master's degree in the Summer Session, and who register in advance of the June meeting of the Senate for specified courses in that session which complete the requirements in their cases, may be recommended at the June meeting, subject to the successful completion of the specified courses in the Summer Session.

Students who complete their work at the end of the Summer Session may, on application, be recommended at the October meeting of the Senate.

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<sup>1</sup>See requirements for graduation in the various colleges.

All graduates are ranked as of the class of the calendar year in which their degrees were conferred, i.e., students who receive their diplomas in August or October, with the class of the preceding June, and those who receive their diplomas in February, with the class of the following June.

A student who has already received one bachelor's degree may receive a second bachelor's degree, provided that all specified requirements for both degrees be fully met, and provided also that the curriculum offered for the second degree include at least 30 semester hours not counted for the first degree.

## HONORS AND PRIZES

### UNIVERSITY HONORS

By the following system of honors, the University gives public official recognition to such students as attain a high grade of scholarship.

*Preliminary Honors* are assigned at the completion of the sophomore year on the basis of the grades received during the freshman and sophomore years in all studies except military and physical training. To be eligible a student must have received grades of A in at least fifty percent and must not have received grades of C or lower in more than fifteen percent of the work in which honors are sought. Preliminary Honors afford an opportunity for sophomores to secure recognition for high scholarship without waiting for graduation.

*Final Honors* (*Candidates for the Degrees of B.S., B.Mus., LL.B., and B.L.S.*) are assigned on graduation on the basis of the grades received during the junior and senior years. To be eligible a student must have received grades of A in at least fifty percent and must not have received grades of C or lower in more than fifteen percent of the work in which honors are sought. Final honors especially favor students whose preparatory education has been so imperfect as to prevent them from receiving preliminary honors.

*Special Honors* are awarded at the close of the senior year. No student may receive such honors who has not completed, before the beginning of his senior year, at least twenty hours' work in the subject, or group of allied subjects, in which the honors are sought; he must complete thirty hours' work in the same subject, or group of allied subjects, by the end of his senior year, must do such other work as the professor in charge may assign, and must prepare an acceptable thesis. No student is eligible for special honors who, during the senior year, has received a grade lower than C in any subject. Special honors are planned for especially brilliant students who prefer to concentrate their efforts on a special course. A student may receive both final and special honors.

The Faculty of the College of Liberal Arts and Sciences recommends candidates for the degree of Bachelor of Arts *with honors* in a particular subject, under the following conditions:

1. For the degree with *Honorable Mention* the student must have received A in half of his work offered in courses acceptable for his major subject, and no grade below C in the work thus offered. He must also have attained a grade not lower than B in at least three-fourths of all the other work presented for graduation, exclusive of courses taken during his freshman year.

2. For the degree with *High Honors*, a recognition of work of exceptional merit, the student must have received A in three-fourths of his work offered in courses acceptable for his major subject, and no grade below B in such work. He must also have attained a grade not lower than B in three-fourths of all the other work which he presents for graduation, exclusive of courses taken during his freshman year. Not later than five weeks before the end of the session in which he expects to complete the work for his degree, he must be recommended by the department in which his major subject is chosen, and either present an acceptable thesis in his major subject or pass a satisfactory examination based on a course of study approved by the department in which he does his major work, and pursued under the direction of an instructor selected by the student with the consent of the department.

3. The thesis or course of study in the department in which major work is done carries credit for at least four semester hours, irrespective of whether the student eventually receives High Honors or not; and the instructor in charge reports to the Registrar a grade for the course at the end of each semester, based on a test, either written or oral, of the student's progress.

4. These distinctions are noted on the student's diploma and in the Commencement Program and the Annual Register, and the winners receive special consideration in departmental recommendations for graduate scholarships and for professional positions.

*Freshman Honors (College of Liberal Arts and Sciences).*—At the close of each year a list is prepared of freshmen in the College of Liberal Arts and Sciences who have made an especially good record in scholarship. The names are announced at an assembly of the College; notice is sent in each case to the parent or guardian, and to the principal of the high school of which the student is a graduate.

The names of the students who received honors under the foregoing regulations during the academic year 1922-23 are published in part VII of the Register.

#### DEBATING AND ORATORY

The University engages yearly in four intercollegiate debates, the teams for which are chosen in a series of competitive preliminaries to which all students are eligible.

THE I. M. I. DEBATING LEAGUE consists of the universities of Illinois, Minnesota, and Iowa. It holds a debate at each university on the first Friday in December.

THE MIDWEST DEBATING LEAGUE consists of the universities of Illinois, Michigan, and Wisconsin. It holds a debate at each university on the third Friday in March.

THE NORTHERN ORATORICAL LEAGUE, consisting of Northwestern University, and the state universities of Illinois, Iowa, Michigan, Minnesota, and Wisconsin, holds an annual contest on the first Friday evening in May. The contests for 1924 will be held on May 1, at Ann Arbor, Mich. The winner receives the Lowden testimonial of one hundred dollars, and the speaker awarded second place, fifty dollars. The Illinois representative is selected in competitive contests open to all undergraduates.

A FRESHMAN-SOPHOMORE DEBATE and an INTER-SOCIETY DECLAMATION CONTEST are held yearly.

#### PRIZES

*The Thacher Howland Guild Memorial Prize.*—Friends and admirers of Thacher Howland Guild, instructor and associate in English, 1904-14, have endowed the Thacher Howland Guild Memorial Prize, an annual prize of \$25, to be given to the undergraduate student submitting the poem or one-act play which in the opinion of a committee appointed by the department of English shows the greatest originality and literary merit; provided that the award may be withheld in any year if no production deemed worthy of a prize is submitted. The name of the winner of this prize is printed in the commencement program.

*The St. Patrick's Day Prize.*—The Ancient Order of Hibernians offer annually a prize of \$50 for the best essay by an undergraduate or a graduate student of the University on a subject connected with Ancient Irish literature, history, or archeology. The essay, not less than 5,000 words in length, must

be submitted one month before Commencement day. Contestants are requested to sign a fictitious name.

*The Bryan Prize.*—In 1898, Mr. William Jennings Bryan gave to the University the sum of \$250 from the interest on which a prize of \$25 is offered biennially for the best essay on a topic relating to the science of government. The contest is open to all matriculated undergraduate students. The essays may not be less than three thousand nor more than six thousand words in length, and they must be left at the President's office not later than the second Wednesday in May. It is suggested that the essays be on some phase of modern colonial government. The prize was offered for the first time in 1901. It will be offered next in 1925.

*The Francis J. Plym Fellowship in Architecture.*—By the generosity of Mr. Francis J. Plym, of Niles, Michigan, a graduate of the University of Illinois of the class of 1897, the Trustees have established a fellowship for the advanced study of architecture. The stipend is \$1,000, awarded annually by competition in architectural design. The holder of the fellowship is required to spend a year in study abroad. For further information address the Department of Architecture.

*The American Institute of Architects Medal.*—The American Institute of Architects offers annually a medal for award to the senior in the Department of Architecture whose development during the four years' course is the most consistent and best. In making the award the scholarship in all work is considered.

*The Scarab Medal in Architecture.*—The Scarab Society of the Department of Architecture offers annually a bronze medal to be awarded during the second semester for the best solution of a problem in architectural design, the competition being limited to students in architecture.

*The Ricker Prize in Architectural History.*—The Ricker Prize in Architectural History is awarded annually for the best presentation of some phase of architectural history, and is open to all students registered in the second year's work in this subject. This prize is given by the Alpha Rho Chi society in recognition of the many distinguished contributions made by Dr. Nathan Clifford Ricker who for fifty years taught architectural history.

*American Academy Prize.*—The Prize in Architecture of the American Academy in Rome is open for competition among qualified undergraduates and graduates of certain American architectural schools, including that of the University of Illinois. This prize grants three years of residence and travel abroad for the study of classic and renaissance architecture.

*Civil Engineering.*—Dr. Ira O. Baker, Professor of Civil Engineering Emeritus and for forty-eight years a professor in the department, has endowed two prizes for the two ranking senior students in civil engineering. These prizes, amounting to \$75 and \$25 respectively, are awarded primarily on excellence of scholarship in the senior year and secondarily on personal qualities and professional activity. The names of the winners are placed annually in a bronze tablet located near the civil engineering drafting room and a special certificate is given to the student winning first prize.

*The Schaefer Prize in Engineering.*—Mr. John V. Schaefer, President of the Cement Gun Construction Company of Chicago, a graduate of the College of Engineering of the Class of 1889, offers annually a first prize of twenty-five dollars and a second prize of fifteen dollars for the two best technical papers written by students beyond the freshman year in the College of Engineering. The essay, which must be at least 1500 words and not more than



2500 words in length, must describe some engineering construction or operation with which the writer has been personally identified in some capacity during a vacation period, and must be accompanied by photographs and by freehand sketches made by the writer. It must be submitted to the Dean of the College of Engineering early in January of each year. The prizes were offered for the first time in 1921.

*Chi Omega Prize in Sociology.*—The University of Illinois Chapter of Chi Omega offers annually a prize of twenty-five dollars for the best essay written by a woman in connection with any course in sociology.

*Phi Beta Kappa Prize.*—Gamma of Illinois chapter of Phi Beta Kappa offers annually a prize of \$25 to that member of Gamma Chapter who at his graduation from the College of Liberal Arts and Sciences gives evidence of greatest promise as a scholar in the liberal arts. The award is based on the following considerations: (a) Class room records; (b) other literary and scholarly activities in the University; (c) an essay, which may be a senior thesis or a term paper. The committee in charge may withhold the award if none of the essays appear worthy of the prize. Essays submitted in competition and all correspondence with reference to this prize should be addressed to the Secretary of the Phi Beta Kappa Society, University of Illinois. The committee will not be limited in its award to those who have submitted papers specifically for this purpose or have otherwise given formal notice of candidacy. Special consideration will be given to theses deposited in the College office by candidates for honors in the various departments.

*Beta Gamma Sigma Prize.*—Beta Gamma Sigma awards each year a silver loving cup to the freshman in the College of Commerce and Business Administration who makes the highest average in his first semester's work. The name of the prize winner and his average for the semester are engrossed on a parchment scroll and the scroll hung in a prominent place in the Commerce building.

*The Gamma Epsilon Pi Trophy.*—A silver loving cup is awarded the freshman woman in the College of Commerce and Business Administration who makes the highest average each semester. The name and average of the winner are engraved on the cup, which is kept in a case in the hall of the Commerce building. The name and grade are also engrossed on a parchment scroll which is placed near the case.

*Delta Sigma Pi* awards a gold key annually to the student who, on graduation from the College of Commerce and Business Administration ranks highest in scholarship for the entire course, in the opinion of the faculty. The key is awarded to any student, whether he is a member of the fraternity or not.

*Phi Eta Sigma* awards a cup to the freshman in the College of Commerce and Business Administration who makes the highest average for the first semester. The membership of this society is made up of freshmen in the College who make an average of 4.5 their first semester and who have had no previous university training and who maintain a normal schedule.

*The Commerce Club* will give an honor cup for the freshman of the College of Commerce and Business Administration who makes the highest scholastic average for both the first and second semesters of this college year.

*Skull and Crescent* offers annually a gold watch to the sophomore man who ranks highest in scholarship and activities in the opinion of a committee composed of Dean T. A. Clark, Dean R. G. Tolman, Director G. A. Huff, and the president of Skull and Crescent.

*Prizes for Essays on Thrift*.—The committee on War Savings Stamps Sales for Illinois has presented to the University the sum of \$1281.16 the income of which is to be used for prizes for essays on thrift. All students of the University who have had a course in the principles of economics may compete. Essays may deal with any aspect of thrift or its promotion. The contest is administered by the Head of the Department of Economics.

#### MILITARY CONTESTS AND PRIZES

*University Bronze Medals*.—Bronze medals typical of the University and its Military Department are awarded by the University to the members of the companies, troops, and batteries which score the greatest number of points at the annual competitive drill, held at some time between May 15 and May 31. The members of the company, troop, and battery rifle teams making the highest score at gallery target practice are also awarded medals. The medals so awarded become the permanent property of the recipients.

*University Gold Medal*.—The Board of Trustees provides annually a gold medal which is to be awarded, at the annual competitive drill held near the close of the year, to the best drilled student, whose property the medal becomes. Each student must have matriculated in the University and must have completed one semester's work in Military 1 with a grade not lower than B, and three semesters' work in Military 2 with a grade not lower than A; and he must have an average standing not lower than C in all his other studies for the preceding semester. The standing shall be determined by the Registrar. The name of the winner is published in the Annual Register for the following year. The award is made for excellence in the same details as in the Hazelton contest.

*Hazelton Prize Medal*.—Captain W. C. Hazelton provided in 1890 a medal, which is awarded, at a competitive drill held at some time between May 15 and May 31, to the best drilled student. Each competitor must have been in attendance at the University at least sixteen weeks of the current college year; must have had fewer than five unexcused absences from drill; and must present himself for competition in full uniform.

The award is made for excellence in:

1. Erectness of carriage, military appearance, and neatness.
2. Execution of the school of the soldier, without arms.
3. Manual of arms, with and without numbers.

The name of the winner is published in the Annual Register for the following year. He is given a certificate setting forth the facts, and may wear the medal until the fifteenth day of the May following, when he must return it for the next competition.

*Cavalry Medal*.—The Cavalry Unit in 1920 provided a gold medal which is awarded, at a competitive drill held some time between May 15 and May 31, to the best drilled cavalry student of the basic course. The award is made for excellence in the use of cavalry weapons, both mounted and dismounted, and for soldierly bearing and appearance.

The name of the successful competitor is published in the Annual Register for the following year. He is given a certificate setting forth the facts, and may wear the medal until the fifteenth of May following, when he must return it for the next competition.

*Infantry and Artillery Prize*.—To the Infantry Company and Artillery Battery which win the competition in the Infantry and Artillery respectively, is awarded a silver cup.

## ASSOCIATIONS, SOCIETIES, AND CLUBS

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*The Alumni Association* is the general organization of the alumni of the University. The Association maintains an office at the University and publishes a monthly periodical, the *Illinois Alumni News*; in this office is compiled the alumni directory, known as *The Alumni Record*, successive editions of which have been published approximately every five years since 1906. An edition for the Colleges of Medicine and Dentistry and School of Pharmacy, at Chicago, was published in 1921. The Chicago department graduates have alumni associations of their own, as has the Library School. Local alumni associations have been organized in Illinois, in New York, Missouri, Oklahoma, Kansas, Wisconsin, Pennsylvania, Ohio, Indiana, Washington, North Dakota, Iowa, Colorado, California, Alabama, Arizona, Georgia, Kentucky, Massachusetts, Michigan, Minnesota, Tennessee, Texas, Arkansas, Oregon, Utah, and Georgia.

*The Illinois Union* is an association of the men of the University, having for its general object the promotion of college spirit and good fellowship. All male students are eligible to active membership; alumni and members of the faculty may become associate members.

*The Woman's League* was organized to further the spirit of unity among the women of the University and to be a medium for the stimulation and maintenance of high standards. All women students are eligible to active membership; all women members of the faculty and of the Graduate School are eligible to associate membership.

*The Student Council* of the University of Illinois is a student governing body in close contact through its members with every branch of student enterprise where the interests of men and women together are concerned.

*The Students' Mutual Benefit Hospital Fund* provides ward hospital care for members who become ill and need such care for a period not to exceed four weeks during any semester. Members pay \$3 a semester. The Dean of Men is the trustee of the fund.

The ADELPHIC AND PHILOMATHEAN societies for men, and the ALETHENAI, ATHENIAN, ILLIOLA, JAMESONIAN, GREGORIAN, and ANONIAN societies for women.

Membership in the *Young Men's Christian Association* is based on willingness to serve on some one of the eighteen committees. Every man in the University is eligible for membership. The "Y" rooms are open to all students. Newspapers, magazines, books, victrola, checkers, check room, free typewriter, and stationery are at their service. The spacious lounging room makes for pleasant recreation and new friendships. Religious meetings are held on Sunday evening. Bible discussion groups are promoted. An extensive community program is conducted. Friendly relations with the large group of foreign students are promoted. Sunday afternoon musical programs as well as many other social gatherings are held in the rooms. An employment bureau managed by the Association helps students find work.

*The Young Women's Christian Association* is housed in the Hannah McKinley building. Dormitory space is provided for sixty-five young women. There are parlors on the first floor for use of the women rooming in the house, a large assembly room, pianos, organization rooms, and correspondence tables. A modern dining room is located in the basement. An employment bureau is maintained at the Y. W. C. A. to help University women to find employment.

At the opening of the college year the Associations endeavor to help new students to find desirable rooming and boarding places. A copy of the Students' Handbook, giving information about Urbana and Champaign, the University, and the various college organizations and activities, will be sent free to prospective students. For this handbook or for further information address the general secretary of either Association.

### HONORARY SOCIETIES

The honorary societies or fraternities named below are private intercollegiate organizations of students and graduates, having for their primary purpose the recognition and encouragement of excellence in scholarship in various departments of study. Election is in all cases made by the societies themselves in accordance with their own rules. The University assumes no responsibility for elections.

Societies honoring high scholarship in the colleges are: Phi Beta Kappa, College of Liberal Arts and Sciences; Beta Gamma Sigma (men) and Gamma Epsilon Pi (women), College of Commerce and Business Administration; Tau Beta Pi, College of Engineering; Alpha Zeta, College of Agriculture; Pi Kappa Lambda, School of Music; Phi Delta Kappa (men) and Kappa Delta Pi (men and women), College of Education; Order of the Coif, College of Law; Sigma Xi, general research.

### OTHER HONORARY AND PROFESSIONAL SOCIETIES

Alpha Alpha Alpha (Pre-legal); Alpha Chi Sigma (Chemistry); Alpha Kappa Psi (Commerce); Alpha Rho Chi (Architecture); Beta Alpha Psi (Accounting); Chi Epsilon (Civil Engineering); Delta Sigma Pi (Commerce); Delta Sigma Rho (Oratory); Eta Kappa Nu (Electrical Engineering); Farm House (Agriculture); Gamma Alpha (Graduate Scientific); Gamma Pi Alpha (Women's Agricultural); Iota Sigma Pi (Chemistry); Kappa Delta Pi (Education); Keramos (Ceramic Engineering); Lambda Xi (Floriculture); Ma-Wan-Da (Men's Senior Society); Mu Kappa Alpha (Musical); Omega Beta Pi (Pre-medical); Omicron Nu (Home Economics); Mu San (Municipal and Sanitary Engineering); Mortarboard (Women's Senior Society); Phi Alpha Delta (Law); Phi Delta Phi (Law); Phi Lambda Upsilon (Chemistry); Pi Delta Epsilon (Inter-publication); Pi Tau Sigma (Mechanical Engineering); Psi Xi (Psychology); Sachem (Men's Junior Society); Scabbard and Blade (Military); Scarab (Architecture); Sigma Tau (Engineering); Theta Delta Pi (Foreign Trade); Theta Sigma Phi (Journalism); Theta Tau (Engineering); Triangle (Engineering); Tribe of Illini ("I" Men); U. L. A. S. (Landscape Architecture); Woman's Landscape Gardening Association; Sigma Delta Chi (Journalism); Sigma Delta Phi (Women's Public Speaking); Gargoyle (Architecture); Delta Mu Epsilon (Mining); Alpha Sigma Nu (Women's Physical Education); Alpha Tau Alpha (Agriculture); Gamma Pi Upsilon (Chemistry); Delta Theta Epsilon (Coaching).

In addition to associations and societies of a general character described above, there are in each college a number of societies and clubs devoted to outside work of a literary, scientific, or technical nature, auxiliary to the work of various departments of that college. Among these are the following:

In the COLLEGE OF LIBERAL ARTS AND SCIENCES: The Botanical Club, the Celtic Club, *le Cercle Francais*, *el Circulo Espanol*, the Chemical Club, the University of Illinois Section of the American Chemical Society, the English Journal Club, the Geological Journal Club, Hexapoeia, the Mathematical Club, the Philological Club, the Psychology Club, the Romance Journal Club, the Scandinavian Club, the Bryce Club, the German Conversation Club, the Poetry Society, the Freshman Mathematics Club.

In the COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION: The Accountancy Club, the Commerce Club, the Foreign Trade Club, the Illini Chamber of Commerce, *Commercia*.

In the COLLEGE OF ENGINEERING: The Architectural Club, the Student Branch of the American Ceramic Society, the Student Branch of the American Society of Civil Engineers, the Electrical Engineering Society, the Engineering Council, the Student Branch of the American Institute of Mining and Metallurgical Engineers, the Student Branch of the American Society of Mechanical Engineers, the Student Branch of the American Association of Engineers, the Physics Colloquium, the Railway Club, the Urbana Section of the American Institute of Electrical Engineers.

In the COLLEGE OF AGRICULTURE: The Agricultural Club, the Horticultural Club, the Home Economics Club, the Landscape Gardening Club, the Hoof and Horn Club, the Floricultural Club, the Dairy Club, the Agronomy Club, the Agricultural Educational Club, the Student Branch of the American Society of Agricultural Engineers.

In the SCHOOL OF MUSIC: The University Choral Society, the University Military Band, the University Orchestra, the University Women's Glee Club.

In the COLLEGE OF LAW: The Law Club.

Other organizations of note are the Chinese Students' Club; the Cosmopolitan Club (men's); the Cosmopolitan Club (womens'); the Japanese Students' Club; the Latin-American Club; Hindustani Association of America.

## UNDERGRADUATE SCHOLARSHIPS

(For circulars giving more detailed information concerning scholarships, apply to the Registrar of the University.)

Unless otherwise stated, a scholarship covers matriculation and incidental fees in any department of the University.

*County Scholarships.*—One for each county. The holder is selected by competitive examination.

*General Assembly Scholarships.*—One nomination annually by each member of the General Assembly. The nomination must be received by the President of the University not later than the first Monday in July.

*Scholarships in Ceramic Engineering.*—One scholarship to each county in the State, awarded on the nomination of the Illinois Clay Workers' Association.

*Scholarships in Agriculture and Home Economics.*—One to each county in the State, except Cook and Lake, and one to each of the first ten congressional districts, for students preparing for the study of agriculture in the College of Agriculture; and one for students preparing for the study of home economics in the College of Liberal Arts and Sciences or in the College of Agriculture. Scholarships in the College of Agriculture are also provided for unclassified students twenty-one years of age.

*Thomas J. Smith Scholarships in Music.*—Four scholarships annually for women, preferably from Champaign County.

*State Military Scholarships.*—For World War Veterans. Special provision passed by the General Assembly of 1919.

*Ben-Hur Scholarships.*—Awarded by competition to members of the order. The stipend is five hundred dollars a year.

*John M. Gregory and Louisa C. Gregory Scholarships.*—The annual stipend is one hundred dollars.

*Other Scholarships.*—See under College of Law, School of Music, Summer Session, and Graduate School.

## BENEFICIARY AID

(For more detailed information apply to the Dean of Men.)

The following loan funds have been established for the benefit of worthy students who are in need of financial aid in order to finish their courses in the University.

Edward Snyder Department of Student's Aid

Class of 1895 Fund

Graduate Club Loan Fund

Woman's League Loan Fund

William B. McKinley Loan Fund

Henry Strong Loan Fund

Margaret Lange James Loan Fund

Woman's Pharmacy Loan Fund (available for men as well as women)

Library School Fund (administered by the Library School Alumni Association)

First Fund for Overseas Soldiers

Dora E. Biddle Loan Fund

James R. Morris Loan Fund

Grace Darling Memorial Loan Fund

Student Loan Fund (Anonymous)

Carter-Pennell Trust

## FEES AND EXPENSES

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### GENERAL FEES

*All University fees are payable each semester in advance.*

Colleges of Liberal Arts and Sciences, Commerce and Business Administration, Engineering, Agriculture, and Law, School of Music, and Library School

<i>Matriculation Fee.</i> Each student not holding a scholarship, on satisfying the requirements for admission to the University, pays the matriculation fee of.....	\$10.00
<i>Incidental Fee.</i> All students in departments at Urbana other than the College of Law, residents of Illinois, excepting those holding scholarships, pay, each semester, an incidental fee of.....	25.00
All students in departments at Urbana other than the College of Law, not residents of Illinois, pay, each semester, an incidental fee of .....	37.50
All students in the College of Law, residents of Illinois, excepting those holding scholarships, pay, each semester, an incidental fee of .....	37.50
All students in the College of Law, not residents of Illinois, pay, each semester, an incidental fee of.....	56.25
<i>Tuition Fee.</i> Unclassified students (except in agriculture or home economics holding scholarships), pay, each semester, a tuition fee of .....	7.50
<i>Laboratory Fees.</i> Each student working in laboratories, or in the drafting or engineering classes, is required to pay a fee varying from \$0.50 to \$12.50, to cover materials and apparatus used and breakages or damages.	
<i>Uniform Deposits.</i> Students taking military are required to make a deposit of \$15.00 for uniform and equipment. This deposit is refunded to the student when his uniform and equipment are returned.	
<i>Listener's Fee.</i> Persons not connected with the University who attend classes as listeners, pay for each course, each semester...	7.50
<i>Late Registration Fee.</i> A former student who enters after the Registration Days in either semester must pay a late registration fee of .....	1.00
<i>Change Fee.</i> For every change of study-list made later than the Monday noon following registration a fee of \$1.00 is charged, except that the total charge for the rearrangement authorized on any one change-slip shall not exceed \$2.00.....	1.00
<i>Special Examination Fee.</i> For any special examination, except examinations for advanced standing taken within sixty days after matriculation, the fee is.....	5.00
<i>Diploma Fee</i> .....	10.00



## SCHOOL OF MUSIC

In addition to the above general fees students registering in courses in applied music (voice, piano, violin, violoncello, organ, or band instruments) pay special fees as follows:

1. If enrolled in the School of Music or in the curriculum in music education in the College of Education, each semester..... \$25.00
2. If enrolled in another College of the University
  - For one lesson a week of collegiate grade, for one semester.... 25.00
  - For one lesson a week of introductory grade, for one semester.. 10.00

## Practice Fees

- Piano for practice one hour a day each semester..... \$ 3.00
- Additional hours at the same rate.
- Organ for practice one hour a day for one semester (beginners).... 20.00
- Organ for practice one hour a day for one semester (advanced students) ..... 25.00

## COLLEGE OF MEDICINE

	First Year students from		Second Year students from		Third Year students from		Fourth Year students from	
	Ill.	Non-Ill.	Ill.	Non-Ill.	Ill.	Non-Ill.	Ill.	Non-Ill.
Matriculation (paid but once) \$	10	10	....	....	....	....	....	....
Tuition .....	130	165	\$130	\$165	\$160	\$195	\$165	\$200
Laboratory .....	35	35	35	35	5	5	....	....
Total .....	\$175	\$210	\$165	\$200	\$165	\$200	\$165	\$200

NOTE.—County Hospital ticket, \$5.00. Maternity Fee, Chicago Lying-in Hospital, \$15.00. All students taking gross anatomy are required to make a deposit of \$10.00 for the use of a disarticulated skeleton.

Fees charged unclassified students are based on the amount of work taken.

## COLLEGE OF DENTISTRY

	First Year		Second Year		Third Year		Fourth Year	
	Ill.	Non-Ill.	Ill.	Non-Ill.	Ill.	Non-Ill.	Ill.	Non-Ill.
Matriculation (paid but once) \$	10	10	....	....	....	....	....	....
Tuition .....	125	155	\$125	\$155	\$125	\$155	\$125	\$155
Laboratory .....	35	35	40	40	55	55	60	60
Total .....	\$170	\$200	\$165	\$195	\$180	\$210	\$185	\$215

## SCHOOL OF PHARMACY

	Each Year	
	Illinois	Non-Illinois
Tuition .....	\$95	\$120
Laboratory .....	30	30
Total .....	\$125	\$150

NOTE.—A matriculation fee of \$10.00 is required of students who are entering the University for the first time.

A laboratory deposit of \$15.00 each year is required to cover breakage or damage to apparatus furnished by the University. From this deposit will be deducted the charges for apparatus broken, missing or not returnable, and the locker fee of \$1.00 if the student uses a locker in the coatroom.

## ANNUAL EXPENSES

The following are estimated minimum and average annual expenses for undergraduate students attending at Urbana, *exclusive* of clothing, railroad fare, and laboratory fees, if any. This includes only the immediate and fundamentally necessary expenses.

Books and Equipment .....	\$ 25 to \$ 75
Fees <sup>1</sup> .....	50 to 75
Room rent for one (two in a room).....	81 to 150
Single rooms.....	108 to 180
Board at Clubs, etc. ....	260 to 360
Washing .....	30 to 45
<i>Total</i> .....	<u>\$446 to \$705</u>

Other necessary expenses will need to be taken into consideration. For all the necessary expenses of the year the average student is likely to need not less than \$600.00 to \$800.00. Most students spend more than this amount.

For information in regard to scholarships which cover the matriculation and incidental fee, see page 86.

## WOMEN'S RESIDENCE HALLS

The University operates three residence halls for women, The Woman's Residence Hall, the Woman's Residence Hall Annex, and Davenport House. Only residents of Illinois can be accommodated.

*Women students and their parents are invited to correspond with the Dean of Women in regard to other suitable places.*

The Woman's Residence Hall has accommodations for one hundred fifty women students. A flat rate is charged per year of thirty-eight weeks for room, laundry of sheets and pillow cases, and board in the Residence Hall as follows:

Single room .....	\$432
Single room (fourth floor) .....	\$396
Double room, each occupant .....	\$360, \$396, and \$414
Double room (fourth floor), each occupant.....	\$360 and \$378
Double room with private bath (two available), each occupant.....	\$432

The Woman's Residence Hall Annex and Davenport House accommodate respectively fifteen and twenty-six. The rooms accommodate from two to four students and the price varies from \$360.00 to \$396.00 for each occupant.

Half the amount must be paid to the Bursar before the close of the registration period at the opening of the first semester, and the balance before the close of the registration period at the opening of the second semester.

Applications for rooms will be received by the Bursar after April 1 for the following college year. Applications are registered in the order of their receipt, but no application will be registered unless accompanied by a deposit of ten dollars, which will be credited on the payment for the second semester. After May 1 rooms are assigned in the order of application, the women living in the hall having preference. After all the rooms have been assigned the names of those who are unsuccessful will be put on a waiting list if the deposit has not been withdrawn, and as vacancies occur, assignments will be made to them in order.

Application cards and further information may be secured by writing to the Dean of Women.

<sup>1</sup>Students of law, music and unclassified students must make needed changes in the amount given for "semester fees."

THE UNIVERSITY OF CHICAGO

LIBRARY

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## PART II

### THE COLLEGES AND SCHOOLS

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#### COLLEGE OF LIBERAL ARTS AND SCIENCES

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For a description of the *buildings* used by this College, see page 46; for *museums* and *collections* under its care (classical art and archeology, oriental, European culture, natural history, botany, entomology, geology, and zoology), see pages 53-55; for *clubs and societies* auxiliary to its curricula see page 84; for *fees* see page 87.

The University, through its College of Liberal Arts and Sciences, offers a liberal education including both the humanities and the sciences; furnishes preparatory to later professional and technical studies especially arranged curricula by which good students may ordinarily obtain in six years both the degree in arts and a professional degree in law or medicine, or a technical degree in engineering; and provides highly specialized curricula in applied science (particularly chemistry), journalism, and home economics. The degree of Bachelor of Arts is conferred on the completion of all these curricula, except those in applied science for which the degree of Bachelor of Science is given.

Under the modified elective system a student who desires to prepare for teaching may specialize to a considerable extent in the subject which he wishes to teach and may also find time for courses in education and related subjects of interest to teachers. Such students should, as a rule, continue their preparation in the Graduate School.

Students who desire to devote a considerable part of their undergraduate study to specific preparation for some calling other than teaching may select courses in law, medicine, dentistry, journalism, applied chemistry, or household administration, in accordance with curricula given in detail in the following pages.

For the requirements for admission to the University, see pages 58-74.

For a statement of the regulations of the University in regard to unclassified students, see page 65.

It is the policy of the University to admit as unclassified students in the College of Liberal Arts and Sciences only a select group of mature and serious persons who, tho unable to meet the formal requirements for entrance, are substantially prepared for work of college grade and have a specific and clearly defined purpose in their study.

#### REQUIREMENTS FOR THE DEGREE OF BACHELOR OF ARTS

A. *University Requirements*—Each candidate must meet the general university requirements with respect to registration and residence, and must also secure credit in approved courses amounting to one hundred thirty hours, an hour being one class period a week for one semester. Each class period presupposes two hours of preparation by the student, or the equivalent in the laboratory or drawing room.

Attention is called to a requirement effective in September, 1924, that in any curriculum in which less than 15 hours of laboratory science are required a student who enters without at least one unit of laboratory science shall be required to substitute 5 hours of a laboratory science for 5 hours of free electives in the requirements for graduation.

B. *Prescribed Subjects*.—Rhetoric 1-2; Physical Education 1-2 and Hygiene 1 for men; Physical Education 7a-7b, 8a-8b, and Hygiene 2 for women; Military Science, a total of 4 hours for men.

C. *Group Requirements*.—Every candidate must offer the minimum of work specified in each of the following groups:

I. *English*.—The offering in this group must include at least a one-semester course in literature.

II. *Foreign Languages and Literatures* (exclusive of courses in translation).

If a student has received credit for but two units of a foreign language for entrance, he must pursue the study of foreign language through two years' courses or the equivalent. If he has received credit on entrance for three or more units of foreign language, he must continue the study of foreign language through one year of his college course.

NOTE.—Candidates for the degree who have not offered Greek or Latin or French or German for entrance must offer one of these languages for graduation.

III. *History, Political and Social Science*.—History, economics, political science, sociology: 8 hours.

IV. *Mathematics and Physical Science*.—Mathematics, astronomy (courses with college mathematics as prerequisites), physics, chemistry: a minimum of 5 hours, with a minimum total of 15 hours in Groups IV and V.

V. Botany, bacteriology, entomology, geology, physiology, zoology: a minimum of 5 hours, with a minimum total of 15 hours in Groups IV and V.

NOTE.—Not fewer than 4 laboratory hours a week for one semester, or the equivalent, shall be offered in *some one* department in groups IV and V.

VI. Education, philosophy, psychology: 6 hours, of which 3 shall be in philosophy or psychology.

D. *Major Subjects*.—Each candidate must select some subject as his major. A major consists of courses amounting to 20 hours chosen from among those designated by a department and approved by the faculty of the college. Such courses are exclusive of those elementary or beginning courses which are open to freshmen, and inclusive of some distinctly advanced work. At least five hours of the work accepted for major must have been done in residence at this University and included within the maximum credits allowed in any one division. See the statements regarding majors under departments in Part III.

The subjects at present recognized as majors in this college are: English, French, German, Greek, Latin, Spanish, classics, Romance language, mathematics, astronomy, physics, chemistry, bacteriology, botany, entomology, geology, physiology, zoology, home economics, education, economics, history, political science, sociology, philosophy, psychology.

E. *Minor Subjects*.—Each candidate must offer, in addition to his major, a minor of 20 hours in one or more allied subjects designated by the major department and approved by the faculty of the college. *At least 8 hours must be offered in one subject.* See the statements regarding minors under departments in Part III.

F. *Elective Subjects.*—

1. Not more than 40 hours in any one subject may be counted for graduation, except: (a) in special curricula approved by the faculty of the college; (b) when a student is writing a thesis, he may count, in addition to the 40 hours, the hours of the course in which he does his thesis work; (c) in the department of English a student may take 40 hours in addition to Rhetoric 1-2.

NOTE.—The total credit in Art and Design is limited to 20 hours.

2. No credit is granted in any subject unless the student pursues it for the full time required in the shortest course offered in that subject. For example, if the student elects a course which yields two hours for one semester, he must stay in the class during the semester in order to get any credit at all. *In order to secure any credit in a beginning course in a foreign language, a full year's work must be completed.*

3. A limited amount of credit toward the degree of Bachelor of Arts is ordinarily given for courses offered in other colleges and schools of this University, as follows:

## ELECTIVES IN OTHER COLLEGES AND SCHOOLS

*College of Agriculture.*—Agronomy 9 (Soil Physics), 11 (Soil Biology), 12 (Soil Fertility), 22 (Plant Breeding). Animal Husbandry 7 and 31 (Animal Nutrition), 30 (Genetics). Dairy Husbandry 10 (General Dairy Bacteriology); 20 (Economic Problems of Dairy Farming). Horticulture 9 (Forestry), 36, (History of Landscape Gardening), 37a (City Planning), 42 (Landscape Design).

The total credit allowed in agricultural courses may not exceed 14 hours, except that students taking their major work in entomology may take 20 hours in the preceding agricultural courses with the addition of Agronomy 7 and 25, and Horticulture 1a, 1b, 2, 3, 6, and 7.

*College of Commerce and Business Administration.*—Accountancy 1a-1b (Principles of Accounting), 13 (Government Accounting). Business Organization 1 (Business Organization), 9 (Commercial and Civic Organizations); 10 (Newspaper Advertising). Business Law 1a-1b (Commercial Law—no credit given to students in the combined arts-law curriculum). Economics, all courses. Transportation 1 (U. S. Transportation System), 2 (Transportation Policy).

*College of Education.*—All courses in the department of Education (exclusive of courses in Educational Practice and courses 1-7 in Industrial Education).

*College of Engineering.*—Architecture 13, 14, 15, 16 (History of Architecture), 31, 32, (Architectural Drawing). Civil Engineering 27 and 28 (Surveying), 94 (Highway Administration). Drawing, General Engineering, 1 (Elements of Drafting), 2 (Descriptive Geometry). Electrical Engineering 4 and 64 or 8 and 68. Mechanical Engineering, 10, 13 (Thermodynamics), 31 (Mechanics of Machinery). Mining Engineering 9 (Ore and Coal Preparation); 21 (Mine Examination and Valuation). Mechanics, Theoretical and Applied, all courses.

The total credit allowed in engineering courses may not exceed 24 hours.

*College of Law.*—A student in the College of Liberal Arts and Sciences who earns at least 30 hours in this college may take and count towards the A.B. degree not to exceed 30 hours of work in the College of Law, provided that at least two courses amounting to five hours are taken each semester, under the advice of the Dean of the College of Law as to the courses to be taken. *Courses in law may not be taken before the junior year by students enrolled in this college.*

Law 14 (Carriers), 24 (Municipal Corporations), and 34 (Public Utilities) are open to students of this college offering political science or economics as a major subject who have had a previous course in law or political science involving the study of cases.

*Library School.*—Library Science 2a-2b or 12 (Reference), 7 (History of Libraries), 9 (History of Books and Printing), 13a and 42 (Public Documents).

*School of Music.*—The total credit allowed for courses in music may not exceed 16 hours. At least half the credit must be taken in courses in the history and theory of music (1-16 inclusive). Credit may be allowed in practical music for courses *preceded by Music 3 and 4* and exclusive of courses open to freshmen to an amount not to exceed half of the total allowed any student. No credit will be allowed for courses in public school music.

*Physical Education and Hygiene.*—Not to exceed 5 semester hours for men and 8 semester hours for women.

*Military Science and Tactics.*—Military Science not to exceed 8 semester hours.

G. *Bachelors' Theses.*—A bachelor's thesis is not generally required in this College. Students of high standing, especially those who try for the A.B. degree with High Honors, are encouraged to write theses in connection with their major studies. Credit toward the degree is given for thesis work only as part of the work in some course for which the student is registered.

H. *Optional degree of Bachelor of Science.*—Students who do major work in one of the subjects in Group IV or Group V or in Home Economics, and who have credit for 60 semester hours or more in these groups or in Home Economics, *on recommendation of the faculty of this College*, may be graduated with the degree of B.S., instead of A.B. Such recommendation must be secured by a petition presented *not later than 10 days after the opening of the last semester or Summer Session preceding the granting of the degree.*

## JOURNALISM

Students who are preparing for reportorial, literary, or editorial work in journalism should take their major work in English, or in journalism, and make up their study schedules from the following suggested curriculum. With the consent of the adviser, other studies may, for purposes of specialization, be substituted for those suggested. A program which satisfies the group and major requirements may, for instance, be so modified in the third and fourth years as to lay emphasis on any one of the social sciences.

Candidates for the degree of bachelor of arts in journalism are subject to the requirements in Liberal Arts and Sciences.

## FIRST YEAR

FIRST SEMESTER	
<i>Prescribed Subjects</i>	Hours <sup>1</sup>
Rhet. 1—Rhetoric and Themes . . . .	3
Phys. Ed. 1 <sup>2</sup> —Gymnasium and Hygiene . . . . .	1
Mil. 1a and 1b, 11a and 11b, 21a and 21b, or 51a and 51b—Military Drill and Theory . . . . .	1
<i>Total</i> . . . . .	5

<i>Suggested Electives</i>	
Engl. 10—Introduction to Literature .	3
Science . . . . .	5
Foreign Language . . . . .	4
Hist. 1a—Continental European History . . . . .	4
Lib. Sci. 12—General Reference . . . .	2

SECOND SEMESTER	
<i>Prescribed Subjects</i>	Hours <sup>1</sup>
Rhet. 2—Rhetoric and Themes . . . .	3
Phys. Ed. 2—Gymnasium Practice . .	1
Mil. 2a and 2b, 12a and 12b, 22a and 22b, or 52a and 52b—Military Drill and Theory . . . . .	1
<i>Total</i> . . . . .	5

<i>Suggested Electives</i>	
Engl. 11—Introduction to Literature .	3
Science . . . . .	5
Foreign language . . . . .	4
Hist. 1b—Continental European History . . . . .	4

## SECOND YEAR

<i>Prescribed Subjects</i>	
Mil. 3a and 3b, 13a and 13b, 23a and 23b, or 53a and 53b—Military Drill and Theory . . . . .	1
Phys. Ed. 8a—Gymnasium Practice (for Women) . . . . .	1
<i>Total</i> . . . . .	2

<i>Suggested Electives</i>	
Engl. 1—Survey of English Literature .	4
Science . . . . .	5
Engl. 12—American Literature . . . .	2
Foreign language continued . . . . .	4
Hist. 3a—History of United States . .	3
Pol. Sci. 1—American National Govt. .	3
Econ. 1—Principles of Economics . . .	5
Journ. 1—Collecting and Writing News .	3

<i>Prescribed Subjects</i>	
Mil. 4a and 4b, 14a and 14b, 24a and 24b, or 54a and 54b—Military Drill and Theory . . . . .	1
Phys. Ed. 8b—Gymnasium Practice (for Women) . . . . .	1
<i>Total</i> . . . . .	2

<i>Suggested Electives</i>	
Engl. 1—Survey of English Literature .	4
Econ. 3—Money, Credit, and Banking .	3
Engl. 23—Shakespeare; or English 13—American Literature . . . . .	3 or 4
Foreign language continued . . . . .	4
Hist. 3b—History of United States . .	3
Journ. 2—The Newspaper . . . . .	3
Pol. Sci. 3—State and Local Government . . . . .	3

## THIRD AND FOURTH YEARS

Study lists for these years should be arranged from the following list with regard to proper sequence.

Economics	
51—Public Finance . . . . .	3
41—Labor Problems . . . . .	3
English	
27—History of Journalism . . . . .	2
21—Literary History of the Bible . .	3
45—Development of the Modern Drama . . . . .	3
History	
21—The United States since 1877 . .	3
26—Latin-American Colonies . . . .	3
Journalism	
3—Copy-reading and Head-writing . .	2
5—Problems of Reporting . . . . .	2
7—Making a Country Newspaper . . .	2
9—Editorials and Special Articles . .	3

Economics	
42—Labor Organizations and Employers' Associations . . . . .	2
24—Economic Development of Modern Europe . . . . .	3
English	
3—Milton . . . . .	3
5—Shakespeare . . . . .	3
24—Victorian Period . . . . .	3
28—Magazine in America . . . . .	2
52—Novelists of 19th Century . . . .	3
History	
17—History of Illinois . . . . .	2
27—Latin-America . . . . .	3
29—Far East . . . . .	3

<sup>1</sup>Semester hours. For definition, see page 223.

<sup>2</sup>Young women who elect this curriculum will take Phys. Ed. 7a-7b, 8a-8b, and Hyg. 1, in place of these subjects.



	Hours <sup>1</sup>		Hours <sup>1</sup>
Language .....	4	Journalism	
Philosophy		4—Make-Up and Editorial Prac-	
1—Logic .....	3	tice .....	2
9—Political and Social Ethics.....	3	6—Newspaper Policies .....	3
7—Ethics .....	3	10—Editorials and Special Articles	3
Political Science		32—Law of the Press.....	2
5—Constitutional Law.....	3	Language .....	4
4—Municipal Constitution .....	3	Philosophy	
6—International Law.....	3	2—Introduction to Philosophy...	3
Psychology		Political Science	
1—Introduction to Psychology....	4	12—National Administration in	
Rhetoric		U. S. ....	3
6—Short Story Writing .....	3	14—Political Parties and Methods	2
Sociology		34—Municipal Problems .....	3
1—Principles of Sociology.....	3	Psychology	
		2—General Psychology.....	4
		Rhetoric	
		7—Short Story Writing.....	3
		17—Advanced Composition.....	3
		Sociology	
		9—Criminology .....	3

## HOME ECONOMICS

The courses of instruction given in this department are planned to meet the needs of four classes of students: (a) those who desire a knowledge of the principles and facts of home economics; (b) those who wish to make a specialty of home economics for the purpose of teaching the subject in secondary schools and colleges; (c) those who wish a knowledge of the principles of household administration and institutional management; (d) those who are interested in work in nutrition and dietetics.

Students who hold *scholarships in home economics* must make this subject their major along one of the lines indicated and take each semester *at least four hours* in home economics or in subjects required for admission to courses in home economics.

Suggested curricula are given below. In all cases students whose major is home economics must also satisfy all of the requirements for the degree of bachelor of arts in the College of Liberal Arts and Sciences. (See Major A, page 91).

## FIRST YEAR

FIRST SEMESTER	Hours <sup>1</sup>	SECOND SEMESTER	Hours <sup>1</sup>
A. and D. 1—Freehand Drawing....	3	Home Econ. 7—Textiles.....	3
Chem. 1 or 1a—Inorganic Chemistry..	5 or 3	Chem. 2a—Qualitative Analysis.....	5
Rhet. 1—Rhetoric and Themes.....	3	Rhet. 2—Rhetoric and Themes.....	3
Foreign Language .....	4	Foreign Language .....	4
Phys. Ed. 7a—Gymnasium Practice..	1	Phys. Ed. 7b—Gymnasium Practice..	1
Hyg. 2—Hygiene (women).....	1		
<i>Total</i> .....	17 or 15	<i>Total</i> .....	16

<sup>1</sup>Semester hours. For definition, see page 223.

## SECOND YEAR

Engl. 1 or Foreign Language.....	4	Engl. 2 or Foreign Language.....	4
Home Econ. 1—Selection and Preparation of Food.....	4	Home Econ. 6—Foods.....	4
Physiol. 1—General Physiology.....	2	Physiol. 4—Physiology of Digestion	3
Home Econ. 29—Clothing.....	4	Chem. 9, 9c—Organic Chemistry....	5
A. and D. 12—Applied Design.....	2	Phys. Ed. 8b—Gymnasium Practice	1
Phys. Ed. 8a—Gymnasium Practice	1	<i>Total</i> .....	17
<i>Total</i> .....	17		

## THIRD YEAR

Engl. 1—(if not included in 2nd year)	4	Engl. 2—(if not included in 2nd year)	4
Econ. 1 or 2—Principles of Economics	5-3	Home Econ. 10—Home Management	3
Home Econ. 5—Dietetics .....	4	Bact. 5a, 5b—Introductory Bacteriology .....	5
Home Econ. 2—Home Architecture	3	Sociol. 1—Principles of Sociology....	3
<i>Total</i> .....	16-14	<i>Total</i> .....	15

## FOURTH YEAR

During the third and fourth years students will complete the group requirements for the degree of bachelor of arts in the College of Liberal Arts and Science. Electives will be chosen in accord with the interests of the student from options 1, 2, and 3.

1. Students interested in nutrition and dietetics should include in their curriculum Chemistry 5a, Home Economics 4, 39a, 39b, and one or more of the following courses: Home Economics 20, 33, 41.

2. Students interested in textiles, clothing, and household arts should include Home Economics 3, 19, 30, 31.

3. Students interested in economics or in household or institutional management should include Home Economics 14, 18, 28, and additional courses in economics.

## SUGGESTED CURRICULUM IN NUTRITION AND DIETETICS

(See Major B, page 92)

## FIRST YEAR

## FIRST SEMESTER

	Hours <sup>2</sup>
Chem. 1 or 1a—Inorganic Chemistry	5 or 3
Rhet. 1—Rhetoric and Themes.....	3
French or German .....	4
Hyg. 2—Hygiene (women).....	1
Phys. Ed. 7a—Gymnasium Practice	1

*Total* .....

*Elective*

A. and D. 1—Freehand Drawing or	
Botany 1—General Botany .....	3 or 5

## SECOND SEMESTER

	Hours <sup>2</sup>
Chem. 2a—Qualitative Analysis.....	5
Rhet. 2—Rhetoric and Themes.....	3
French or German .....	4
Physiol. 1—General Physiology.....	2
Phys. Ed. 7b—Gymnasium Practice	1

*Total* .....

## SECOND YEAR

Engl. 1—French or German .....	4	Engl. 2—French or German.....	4
Home Econ. 1—Selection and Preparation of Food .....	4	Home Econ. 6—Foods.....	4
Physiol. 4—Physiology of Digestion	3	Chem. 9, 9c—Organic Chemistry....	5
Zool. 1—General Zoology .....	5	Econ. 2—Principles of Economics...	3
Phys. Ed. 8a—Gymnasium Practice	1	Phys. Ed. 8b—Gymnasium Practice	1
<i>Total</i> .....	17	<i>Total</i> .....	17

<sup>1</sup>Students expecting to enter the College of Education are advised to register for Psychology 1 instead of Home Economics 29 the second year.

<sup>2</sup>Semester hours. For definition see page 223.

## THIRD YEAR

Engl. 1—(if not included in 2nd year) 4	Engl. 2—(if not included in 2nd year) 4
Chem. 5a—Elementary Quantitative Analysis ..... 5	Bact. 5, 5a—Introductory Bacteriology..... 5
Home Econ. 5—Dietetics ..... 4	Sociol. 1—Principles of Sociology.... 3
<i>Total</i> ..... 13	<i>Total</i> ..... 12
Electives ..... 3 or 4	Electives..... 3 or 5

## FOURTH YEAR

Home Econ. 39a—Seminar..... 1	Home Econ. 39b—Seminar..... 1
Home Econ. 4—Food and Nutrition 5	Electives..... 15 or 16
Electives..... 10 or 11	

## SUGGESTED CURRICULUM IN ECONOMIC ENTOMOLOGY

For students wishing to prepare for state or national service in economic entomology or as teachers of entomology in agricultural colleges or universities, the following curriculum has been arranged to include the entomological, agricultural, and horticultural courses most essential to the end in view, together with the required subjects and the group electives necessary for the degree of Bachelor of Arts.

The principal features of the prescribed part of this curriculum are 29 hours of entomology, 15 hours of other biological subjects, 11 hours of agriculture and horticulture, 10 hours of chemistry, and 40 hours of courses required for graduation, group electives, and other miscellaneous courses. Twenty-five hours of free electives remain after the courses of this prescribed list are provided for.

## FIRST YEAR

FIRST SEMESTER		SECOND SEMESTER	
	Hours <sup>1</sup>		Hours <sup>1</sup>
Rhet. 1—Rhetoric and Themes.....	3	Rhet. 2—Rhetoric and Themes.....	3
French 1a—Elementary French, or		French 1b—Elementary French, or	
German 1—Elementary German....	4	German 3—Narrative Prose.....	4
Ent. 1—Introductory Entomology...	3	Ent. 2—General Entomology.....	3
Zool. 1—General Zoology.....	5	Zool. 4—Invertebrate Morphology...	3
Mil. 1a and 1b, 11a and 11b, 21a and 21b, or 51a and 51b—Military Drill and Theory .....	1	Mil. 2a and 2b, 12a and 12b, 22a and 22b, or 52a and 52b—Military Drill and Theory .....	1
Phys. Ed. 1—Gymnasium Practice...	$\frac{1}{2}$	Phys. Ed. 2—Gymnasium Practice..	1
Hyg. 1—Hygiene (men).....	$\frac{1}{2}$		
<i>Total</i> .....	17	<i>Total</i> .....	15

## SECOND YEAR

Ent. 7a—Insect Morphology, or		Ent. 7b—Insect Morphology, or	
Ent. 8a—Pests of Special Groups....	3	Ent. 8b—Pests of Special Groups....	3
Chem. 1 or 1a—Inorganic Chemistry 3 or 5		Chem. 2a—Inorganic Chemistry....	5
Hort. 1a—Elements of Horticulture	2	Hort. 1b—Elements of Horticulture..	2
Engl. 20—Chief English Writers of the Nineteenth Century.....	4	Bot. 5—Botany.....	3
Hist. 3a—History of the United States	3	Hist. 3b—History of the United States	3
Mil. Sci. 3a and 3b, 13a and 13b, 23a and 23b, or 53a and 53b .....	1	Mil. Sci. 4a and 4b, 14a and 14b, 24a and 24b, or 54a and 54b .....	1
<i>Total</i> .....	16 or 18	<i>Total</i> .....	17

<sup>1</sup>Semester hours. For definition, see page 223.

THIRD YEAR

Ent. 3—Systematic Entomology....	5	Ent. 22—Entomotaxy.....	5
Bot. 7a—Plant Pathology, or		Econ. 2—Principles of Economics....	3
Bot. 27a—Plant Physiology .....	3 or 5	Ed. 25—Educational Psychology, or	
Psych. 1—Introduction to Psychology		Psych. 1—Introduction to Psych-	
or Phil. 1—Logic .....	4 or 3	ology, or Phil. 1—Logic .....	4 or 3
Electives .....	5 or 2	Agronomy 25—Farm Crops.....	4
<i>Total</i> .....	16	<i>Total</i> .....	15 or 16

FOURTH YEAR

Ent. 17a—Insect Morphology and Or-		Hort. 7—Spraying.....	3
ganogeny .....	3	Electives.....	13
Ent. 20—Insect Control.....	4	<i>Total</i> .....	16
Electives .....	8		
<i>Total</i> .....	15		

PREPARATORY TO MEDICINE

The requirements for admission to the College of Medicine are stated on page 66.

The following two-year pre-medical curriculum covers the entrance requirements of the College of Medicine and includes additional courses in science which are considered desirable for prospective medical students. This course of study is recommended to students who enter the College of Liberal Arts and Sciences to prepare themselves for the study of medicine.

The following subjects are suggested as desirable electives in the second year: chemistry, economics, English, entomology, history, psychology, and zoology.

FIRST YEAR

FIRST SEMESTER	Hours <sup>1</sup>	SECOND SEMESTER	Hours <sup>1</sup>
Chem. 1 or 1a—General Chemistry...	5 or 3	Chem. 2a—Inorganic Chemistry....	5
Math. 4—Trigonometry.....	2	Zool. 2—Vertebrate Zoology.....	5
Zool. 1—General Zoology.....	5	Rhet. 2—Rhetoric and Themes.....	3
Rhet. 1—Rhetoric and Themes.....	3	Phys. Ed. 2—Gymnasium Practice..	1
Hyg. 1—Hygiene (men).....	½	Mil. 2a and 2b, 12a and 12b, 22a and	
Phys. Ed. 1—Gymnasium Practice...	½	22b, or 52a and 52b—Military	
Mil. 1a and 1b, 11a and 11b, 21a and		Drill and Theory .....	1
21b, or 51a and 51b—Military		<i>Total</i> .....	15
Drill and Theory .....	1		
<i>Total</i> .....	17 or 15		

SECOND YEAR

French or German or Spanish or Itali-		Chem. 9, 9c—Organic Chemistry....	5
an.....	4	French or German or Spanish or Itali-	
Phys. 7a—General Physics.....	2½	an.....	4
Phys. 8a—Laboratory.....	2½	Phys. 7b—General Physics.....	2½
Zool. 3—Microscopical Technics....	3	Phys. 8b—Laboratory.....	2½
Mil. 3a and 3b, 13a and 13b, 23a and		Mil. 4a and 4b, 14a and 14b, 24a and	
23b, or 53a and 53b—Military Drill		24b, or 54a and 54b—Military Drill	
and Theory .....	1	and Theory.....	1
Electives.....	5	Electives.....	3
<i>Total</i> .....	18	<i>Total</i> .....	18

<sup>1</sup>Semester hours. For definition, see page 223.

## CHEMISTRY AND CHEMICAL ENGINEERING

Students who follow the general curriculum in the College of Liberal Arts and Sciences with chemistry as a major subject are eligible for the degree of Bachelor of Arts.

For the more specialized training of the chemist, the following curricula, largely prescribed, have been arranged. Each requires a maximum total of 136 hours and leads to the degree of Bachelor of Science.

The schedules for the first and second years in both chemistry and chemical engineering are the same.

Preparation in German or French equivalent to two years of high-school work or one year of university work is prescribed. The total language requirements for graduation including courses offered for entrance must be equivalent to two years of university German or French. Students are advised to offer one unit in physics as a part of the general electives.

Students registering either in the curriculum in chemistry or in the curriculum in chemical engineering must offer one unit of high-school chemistry and one-half unit of advanced algebra for admission to these curricula. University credit in Chemistry 1 (five hours) is acceptable in lieu of one unit of entrance chemistry.

## FIRST YEAR, BOTH CURRICULA

FIRST SEMESTER		SECOND SEMESTER	
	Hours <sup>1</sup>		Hours <sup>1</sup>
Chem. 1a—Inorganic Chemistry.....	3	Chem. 3a—Inorganic Chemistry and Qualitative Analysis.....	5
Math. 2—College Algebra.....	3	Math. 6a—Analytical Geometry.....	4
Math. 4—Plane Trigonometry.....	2	German or French.....	4
German or French.....	4	Rhet. 2—Rhetoric and Themes.....	3
Rhet. 1—Rhetoric and Themes.....	3	Phys. Ed. 2—Gymnasium Practice...	1
Phys. Ed. 1—Gymnasium Practice...	$\frac{1}{2}$	Mil. 2a and 2b, 12a and 12b, 22a and 22b, or 52a and 52b—Military Drill and Theory.....	1
Hyg. 1—Hygiene (Men).....	$\frac{1}{2}$		
Mil. 1a and 1b, 11a and 11b, 21a and 21b, or 51a and 51b—Military Drill and Theory.....	1		
		<i>Total</i> .....	18
<i>Total</i> .....	17		

## SECOND YEAR, BOTH CURRICULA

Chem. 5a—Quantitative Analysis....	5	Chem. 5b—Advanced Analytical Chemistry.....	5
Math. 8a—Differential Calculus ....	3	Math. 8b—Integral Calculus.....	3
Phys. 1a—General Physics.....	3	Phys. 1b—General Physics.....	2
Phys. 3a—Physical Measurements... ..	2	Phys. 3b—Physical Measurements... ..	2
Geol. 20 <sup>2</sup> —General Mineralogy or History 3a or English 20.....	3 or 4	Engl. 20 or Hist. 3b or Geol. 20 <sup>2</sup> or T. and A. M. 20 <sup>3</sup> .....	3 or 4
Mil. 3a and 3b, 13a and 13b, 23a and 23b, or 53a and 53b—Military Drill and Theory.....	1	Mil. 4a and 4b, 14a and 14b, 24a and 24b, or 54a and 54b—Military Drill and Theory.....	1
		<i>Total</i> .....	16 or 17
<i>Total</i> .....	17 or 18		

<sup>1</sup>Semester hours. For definition, see page 223.

<sup>2</sup>Geol. 20 must be taken either in the first or second semester.

<sup>3</sup>T. and A. M. 20 required for curriculum for chemical engineers.

## CURRICULUM IN CHEMISTRY, THIRD AND FOURTH YEARS

The following schedule of courses offers after the second year prescribed subjects required of all students and in addition five group options, the last four of which are outlined for the purpose of affording systematic training in important lines of applied chemistry. The first option, A, is intended for those who wish to place chief emphasis on the fundamental branches of chemistry as a science and for those who desire a combination of subjects not outlined in the other four groups. Students in option A must submit to their adviser at the beginning of the junior year an outline of their program for the junior and senior years. Approval of the outline must be secured from the adviser before registering. At least 12 hours of the electives under option A must be in chemistry, and it is recommended that they be selected as far as possible from more advanced courses in inorganic, analytical, organic, and physical chemistry. In all groups in the junior and senior years the subjects to be taken outside of the department, including electives, must amount to at least ten hours, including a course in the theory of economics. Students who have presented German for entrance should elect French 1a and 1b in the junior year; those who have offered French should elect German 1 and 3.

The groups provided for, with the letter used to designate each group, are as follows: A. General; B. Electrochemical; C. Industrial; D. Food and Sanitation; E. Physiological; F. Sanitation.

## THIRD YEAR

*Prescribed for all Groups*

Chem. 14a—Organic Chemistry.....	3
Chem. 14c—Organic Synthesis.....	2
Chem. 92a—Journal Meeting.....	1
Chem. 31—Physical Laboratory.....	3
Chem. 33—Phys. Chem. Lab.....	2

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*Total* ..... 11

*Group Options*

A <sup>1</sup> —General Electives.....	8
B—Electrochemical	
E. E. 8—Electric Currents and Apparatus.....	3
E. E. 68—Electrical Engineering Laboratory.....	1
Electives.....	4
C.—Industrial	
E. E. 8—Electric Currents and Apparatus.....	3
E. E. 68—Electrical Engineering Laboratory.....	1
Electives.....	4
D, E, and F—Food, Physiological, and Sanitation—Bact. 5—Introductory Bacteriology.....	5
Electives.....	3

*Prescribed for all Groups*

Chem. 14b—Organic Chemistry.....	3
Chem. 14d—Organic Synthesis.....	2
Chem. 92b—Journal Meeting.....	1
Chem. 90—Inspection Trip.....	½
Econ. 2—Principles of Economics....	3
Chem. 65—Gas and Fuel Analysis... 3	

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*Total* ..... 12½

*Group Options*

A—General Electives.....	4
B—Electrochemical, Electives.....	4
C—Industrial, Electives.....	4
D and E—Food and Physiological, Electives.....	4
F—Sanitation	
Chemistry 10a.....	3

<sup>1</sup>Twelve hours of the total electives of the third and fourth years, Group Option A, must be in chemistry; ten hours must be taken outside of the Department.

## FOURTH YEAR

*Prescribed for all Groups*

Chem. 11a—Thesis or approved Chem. Elec. <sup>1</sup> .....	5
Chem. 93a—Journal Meeting.....	$\frac{1}{2}$
Chem. 95—History of Chemistry....	2
<i>Total</i> .....	$7\frac{1}{2}$

*Group Options*

A—General Electives <sup>2</sup> .....	9
B—Electrochemical	
Chem. 35—Electrochemistry....	3
Chem. 37—Experimental Prob. in Physical and Electrochemistry .....	4
Phys. 4a—Electrical and Magnetic Measurements.....	2
C—Industrial	
Chem. 7—Metallurgy.....	3
Chem. 35—Electrochemistry....	3
Chem. 69—Met. Lab. and Assaying.....	2
Electives .....	1
D—Food	
Chem. 25—Food Analysis.....	5
Chem. 21—Qual. Organic Analysis .....	2
Electives .....	2
E—Physiological	
Chem. 15—Physiological Chem. ....	5
Chem. 21—Qual. Organic Analysis .....	2
Electives .....	2
F—Sanitation	
Chemistry 110.....	3
Electives .....	8

*Prescribed for all Groups*

Chem. 6—Chemical Technology.....	3
Chem. 11b—Thesis or Approved Chem. Elec. <sup>1</sup> .....	5
Chem. 93b—Journal meeting.....	$\frac{1}{2}$
Chem. 91—Inspection Trip.....	$\frac{1}{2}$
<i>Total</i> .....	9

*Group Options*

A—General Electives.....	8
B—Electrochemical, Electives.....	8
C—Industrial	
Chem. 61—Industrial Laboratory	3
Chem. 78.....	2
Electives .....	3
D—Food	
Chem. 26—Pharmaceutical Chemistry .....	3
Electives .....	5
E—Physiological	
Chem. 15a.....	2
Electives .....	6
F—Sanitation	
Electives .....	8

## CURRICULUM IN CHEMICAL ENGINEERING

## THIRD AND FOURTH YEARS

The work of the technical chemist or superintendent is frequently so closely associated with mechanical and other branches of engineering as to make a knowledge of these subjects essential. To meet these conditions, the following four-year curriculum in chemistry and related engineering subjects has been arranged. The degree given is that of Bachelor of Science in chemical engineering.

It is advised that students intending to take this curriculum be prepared to offer for entrance two units of manual training, including mechanical drawing, or arrange to take equivalent courses in the University.

<sup>1</sup>Ten hours of thesis credit are required for graduation in chemistry and nine hours for graduation in chemical engineering, subject to the provision that a partial substitution of chemical electives in special cases may be granted on recommendation of the department. In no case may the total thesis credit in either curriculum be reduced below a minimum of five hours.

<sup>2</sup>Twelve hours of the total electives of the third and fourth years, Group Option A, must be in Chemistry; ten hours must be taken outside of the department.

## THIRD YEAR

Chem. 7a—Metallurgy.....	3	Chem. 14b—Organic Chemistry.....	3
Chem. 14a—Organic Chemistry.....	3	Chem. 14d—Organic Synthesis.....	2
Chem. 14c—Organic Synthesis.....	2	Chem. 31—Physical Chemistry.....	3
Chem. 92a—Journal Meeting.....	1	Chem. 33—Physical Chemistry Lab- oratory.....	2
Chem. 65—Gas and Fuel Analysis....	3	Chem. 92b—Journal Meeting.....	1
Chem. 69 <sup>1</sup> —Assaying.....	2	Chem. 90—Inspection Trip.....	1½
T. and A. M. 25—Resistance of Ma- terials.....	4	M. E. 2—Steam Engineering.....	3
<i>Total</i> .....	18	Electives.....	3
		<i>Total</i> .....	17½

## FOURTH YEAR

Chem. 11a—Thesis or Applied Chem. Elec. <sup>2</sup> .....	4	Chem. 6—Chemical Technology.....	3
Chem. 35—Electrochemistry.....	3	Chem. 11b—Thesis or Applied Elec- tive <sup>2</sup> .....	5
Chem. 93—Journal Meeting.....	½	Chem. 61—Industrial Chemistry Lab- oratory.....	3
E. E. 8—Electrical Currents and Ap- paratus.....	3	Chem. 93b—Journal Meeting.....	½
E. E. 68—Electrical Engineering Lab- oratory.....	1	Chem. 91—Inspection Trip.....	½
M. E. 61—Power Measurement.....	2	Electives.....	4
Electives.....	3	<i>Total</i> .....	16
<i>Total</i> .....	16½		

## CURRICULUM IN PHARMACEUTICAL CHEMISTRY

For students who are graduates of recognized colleges of pharmacy an option in pharmaceutical chemistry leading to the degree of Bachelor of Science in chemistry is offered.

The credits to be allowed on transfer are based on the curriculum of the University of Illinois School of Pharmacy.

For entrance to the School of Pharmacy fifteen units of high-school work are required. For the degree of Graduate in Pharmacy, the students attend for two years of thirty-six weeks each. The course of study is the equivalent of fifty-eight university hours. For the degree of Pharmaceutical Chemist, an additional year of thirty-six weeks is taken and the course of study for this year is equivalent to twenty-five university hours.

The following option in pharmaceutical chemistry leads to the degree of B.S. in chemistry.

1. Persons holding the degree of Graduate of Pharmacy from a college of pharmacy holding membership in the American Conference of Pharmaceutical Faculties, who can present fifteen units of high-school work for entrance, will be allowed forty hours of university credit in the chemistry curriculum.

2. In addition to the forty hours of credit to qualify for the work of the third year a student must offer the following subjects from the University of Illinois or elsewhere:

<sup>1</sup>For a limited number of students Chem. 78, Metallography, second semester, may be substituted for Chem. 69, Assaying. Note should be made of the prerequisites for Chem. 78.

<sup>2</sup>Ten hours of thesis credit are required for graduation in chemistry and nine hours for graduation in chemical engineering, subject to the provision that a partial substitution of chemical electives in special cases may be granted on recommendation of the department. In no case may the total thesis credit in either curriculum be reduced below a minimum of five hours.



College Algebra.....	3 hours
Trigonometry.....	2 hours
Analytical Geometry .....	4 hours
Calculus .....	6 hours
Physics .....	9 hours
Rhetoric and Composition.....	6 hours
French or German (preceded by two units' entrance credit in the same language).....	8 hours
<i>Total</i> .....	38 hours

Such students will have junior standing.

3. The work of the junior and senior years should include the following courses:

Chem. 14b, Advanced Organic Chemistry Lectures..	3 hours
Chem. 14c and 14d, Organic Preparation.....	4 hours
Chem. 5b, Advanced Quantitative Analysis.....	5 hours
Chem. 31, Physical Chemistry.....	2 hours
Chem. 33, Physico-Chemical Measurements.....	2 hours
Chem. 95, History of Chemistry.....	3 hours
Chem. 6, Industrial Chemistry.....	3 hours
Chem. 92a, 92b, 93a, 93b, Journal Meeting.....	3 hours
Chem. 11a, 11b, Thesis or App'd. Chem. Elective...	10 hours
Chem. 90, 91, Inspection Trips.....	1 hour
Electives in chemistry .....	12 hours
Non-chemical electives .....	5 hours
Military training and physical education or electives	6 hours
<i>Total</i> .....	58 hours

Students holding the degree of Pharmaceutical Chemist will be allowed eighteen hours of advanced standing in lieu of the eighteen hours chemical and non-chemical electives of the last two years.

## COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

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For a description of the *building* used by this College, see page 47; for *museum and collections* under its charge, see page 55; for *societies and clubs* auxiliary to its curricula, see page 84; for *fees* see page 87.

The University through the College of Commerce and Business Administration offers its students a knowledge of the principles underlying business, with special training for particular business callings. It does not attempt to prepare students for clerical and similar occupations as employees, but it does endeavor to lay a foundation on which successful careers in managerial and administrative positions and as proprietors may be built. To this end, courses in economics, accountancy, business organization and operation, banking, commerce, railway administration, public utilities, and industry are offered in combination with courses in language and literature, the social sciences, law, mathematics, and the natural sciences.

The work of the college is divided into three departments as follows: economics, including finance and statistics; business organization and operation, including accountancy, public utilities, and business law; and transportation.

For the requirements for admission see the statement of the requirements of the University, pages 58-74.

See the statement of the general regulations of the University in regard to unclassified students, page 65.

### REQUIREMENTS FOR GRADUATION

Students who complete a curriculum in the College of Commerce and Business Administration are awarded the degree of Bachelor of Science. The requirements for graduation are as follows:

1. *University Requirements*.—A candidate must comply with the University requirements as to residence and registration, and secure credit amounting to 130 hours, including credit in the following subjects prescribed by general university regulations for all students: *Rhetoric 1-2*, 6 hours; and *Physical Education 1, 2* and *Hygiene 1, 2* hours, for men, and *7a-7b* and *8a-8b* and *Hygiene 2*, 5 hours, for women; and *Military Science*, 4 semesters, 4 hours, for men. Students who elect the Reserve Officers' Training Corps must also take *Military Science*, 4 additional semesters, 4 hours.

2. *Study Methods*.—All freshman students are required to attend the lecture course on study methods given once a week during the first semester.

3. *Prescribed Subjects*.—A candidate must also secure credit in the other subjects listed as *prescribed* in his chosen curriculum.

4. *Language Group*.—Of the electives allowed, 8 hours must be either in English literature or in a foreign language in all curricula, but prescribed courses in either of these subjects may be counted in meeting this requirement.

In order to secure any credit in a beginning course in a foreign language, a full year's work must be completed.

5. *Social Science Group*.—Twelve hours of electives must be chosen from the following group of subjects: *History, political science, philosophy, psychology, and sociology*, provided that *not fewer than six hours* in any one subject may be counted in fulfilling this requirement; but prescribed courses in any of these subjects may be counted.

Requirement 5 applies to curricula in: General Business, Banking, Insurance, Accountancy, Railway Administration, Commerce and Law, and Trade and Civic Secretaries.

Requirement 5 does *not* apply to curricula in: Railway Transportation, Commercial Teachers, Foreign Commerce, Industrial Administration, and Public Utilities.

6. *Science Group*.—In all curricula *ten hours* of electives must be chosen from the following groups of subjects: *Chemistry, mathematics*, (Math. 22 and Math. 23 excepted) and *physics*, provided that *not fewer than five hours* in any one subject may be counted in fulfilling this requirement; but prescribed courses in any of these subjects may be counted.

7. *Free Electives Group*.—Free electives sufficient to make the 130 hours required for graduation may be selected from any department in the College of Commerce, the College of Liberal Arts and Sciences, or the Library School. All other electives must have the approval of the Dean of the College at the time of registration.

8. *Laboratory Science*.—In any curriculum in which less than fifteen hours of laboratory science are required a student who enters without at least one unit of laboratory science shall be required to substitute five hours of a laboratory science for five hours of free electives in the requirements for graduation.

The curricula in commerce and business administration are: General business, trade and civic secretarial service, banking, insurance, accountancy, general railway administration, railway transportation, commercial teaching, foreign commerce, industrial administration, public utilities, and commerce and law. The subjects prescribed for graduation in each curriculum are listed in the following outlines. These subjects are in general arranged in sequence and should be taken in the order given.

In addition to the prescribed subjects sufficient electives must be taken each semester to make up a minimum of 15 hours, but not to exceed a maximum of 18 hours of work. In choosing electives the attention of students is called to provisions 4, 5, and 6 of the preceding statement of the requirements for graduation. It is *required* that a sufficient number of hours from the subjects enumerated in groups 4 and 6 above be taken during each semester of the first year to make up, together with the prescribed subjects, a schedule of not fewer than 15 hours. Attention is called to the fact that some elementary courses carry only part credit for seniors.

#### McKINLEY PROFESSORSHIP IN THE ECONOMICS OF PUBLIC UTILITIES

The Honorable William B. McKinley, United States Senator from Illinois, has by deed of gift effective January 1, 1924, endowed a professorship in the Economics of Public Utilities (including transportation), in the College of Commerce and Business Administration.

## GENERAL BUSINESS CURRICULUM

## FIRST YEAR

## FIRST SEMESTER

	Hours <sup>1</sup>
Study Methods .....	0
Acc'y 1a—Principles of Accounting <sup>2</sup> ..	3
Econ. 27—Modern Industry.....	3
Rhet. 1—Rhetoric and Themes.....	3
Phys. Ed. 1—Gymnasium Practice..	1½
Hygiene 1 .....	1½
Mil. 1a and 1b, 11a and 11b, 21a and 21b, or 51a and 51b—Military Drill and Theory.....	1
Electives .....	4-7
<i>Total</i> .....	15-18

## SECOND SEMESTER

	Hours <sup>1</sup>
Acc'y 1b or 1e—Principles of Accounting.....	3 or 4
Econ. 22—Economic History of the United States.....	3
Rhet. 2—Rhetoric and Themes.....	3
Phys. Ed. 2—Gymnasium Practice... 1	
Mil. 2a and 2b, 12a and 12b, 22a and 22b, or 52a and 52b—Military Drill and Theory.....	1
Electives .....	4-7
<i>Total</i> .....	15-18

## SECOND YEAR

Acc'y 2a—Intermediate Accounting..	3
Econ. 1—Principles of Economics....	5
Mil. 3a and 3b, 13a and 13b, 23a and 23b, or 53a and 53b—Military Drill and Theory.....	1
Electives .....	6-9
<i>Total</i> .....	15-18

Acc'y 2b—Intermediate Accounting..	3
Econ. 3—Money, Credit, and Banking	3
Bus. Org. and Op. 1.....	3
Rhet. 10—Business Letter Writing..	2
Mil. 4a and 4b, 14a and 14b, 24a and 24b, or 54a and 54b—Military Drill and Theory.....	1
Electives .....	3-6
<i>Total</i> .....	15-18

## THIRD YEAR

Bus. Org. and Op. 2—Marketing Organization and Operation.....	3
Bus. Law 1a—Principles of Business Law .....	3
Trans. 1—Transportation System of the United States.....	3
Electives .....	6-9
<i>Total</i> .....	15-18

Bus. Law 1b—Principles of Business Law .....	3
Econ. 10—Corporation Management and Finance.....	3
Trans. 12—Rates and Regulations...	3
Electives .....	6-9
<i>Total</i> .....	15-18

## FOURTH YEAR

Bus. Org. and Op. 7—Salesmanship and Sales Administration.....	3
or	
Bus. Org. and Op. 8—Advertising ...	3
Advanced Economics—(Junior or Senior Courses) .....	3
Electives .....	9-12
<i>Total</i> .....	15-18

Bus. Org. and Op. 7—Salesmanship and Sales Administration.....	3
or	
Bus. Org. and Op. 8—Advertising ...	3
Advanced Economics—(Junior or Senior Courses) .....	3
Electives .....	9-12
<i>Total</i> .....	15-18

<sup>1</sup>Semester hours. For definition, see page 223.<sup>2</sup>Accountancy 1a is not to be taken if one unit of bookkeeping is offered for entrance credit.

## CURRICULUM FOR TRADE AND CIVIC SECRETARIES

## FIRST YEAR

Same as General Business

## SECOND YEAR

Pol. Sci. 1—American Government ..	3	Rhet. 10—Business Letter Writing..	2
Psych. 1—Principles of Psychology ..	4	Psych. 2—Principles of Psychology..	4

Otherwise same as General Business

## THIRD YEAR

FIRST SEMESTER		SECOND SEMESTER	
	Hours <sup>1</sup>		Hours <sup>1</sup>
Bus. Org. and Op. 2—Marketing Organization and Operation .....	3	Econ. 10—Corporation Management and Finance .....	3
Pol. Sci. 4—Municipal Gov't .....	3	Trans. 12—Rates and Regulation ...	3
Sociol. 8—Charities .....	3	Electives .....	9-12
Trans. 1—Transportation System of the United States .....	3	<i>Total</i> .....	15-18
Electives .....	3-6		
<i>Total</i> .....	15-18		

## FOURTH YEAR

Bus. Law 1a—Principles of Business Law .....	3	Bus. Law 1b—Principles of Business Law .....	3
Advanced Economics—(Junior or Senior Courses) .....	3	Bus. Org. and Op. 8—Advertising ..	3
Hort. 37a—City Planning .....	3	Hort. 37b—City Planning .....	3
Bus. Org. and Op. 9—Civic and Commercial Organizations .....	2	Hort. 10b—Town Improvement.....	2
Electives .....	4-7	Electives .....	4-7
<i>Total</i> .....	15-18	<i>Total</i> .....	15-18

## CURRICULUM IN BANKING AND FINANCE

The first and second years are the same as in the General Business Curriculum except that Math. 2—College Algebra (3)—is prescribed in the first semester of the first year.

## THIRD YEAR

FIRST SEMESTER		SECOND SEMESTER	
Bus. Org. and Op. 2—Marketing Organization and Operation .....	3	Bus. Law 1b—Principles of Business Law .....	3
Bus. Law 1a—Principles of Business Law .....	3	Econ. 10—Corporation Management and Finance .....	3
Econ. 51—Public Finance .....	3	Math. 23—Mathematics of Investment .....	3
Electives .....	6-9	Electives .....	6-9
<i>Total</i> .....	15-18	<i>Total</i> .....	15-18

## FOURTH YEAR

Bus. Law 10—Law of Security Relations and Banking .....	3	Econ. 8—Foreign Exchange and the Money Market .....	3
Econ. 9—Advanced Theory and Practice of Banking .....	3	Econ. 36—Investments .....	2
Electives .....	9-12	Electives .....	10-13
<i>Total</i> .....	15-18	<i>Total</i> .....	15-18

<sup>1</sup>Semester hours. For definition, see page 223.

## CURRICULUM IN INSURANCE

## FIRST YEAR

## FIRST SEMESTER

*Required Subjects*

Math. 2 or 3—Algebra .....	3 or 5
Math. 4—Trigonometry .....	2

Otherwise same as General Business

## SECOND SEMESTER

*Required Subjects*

Math. 6—Analytic Geometry .....	5
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## SECOND YEAR

Math. 8a—Calculus .....	3
Math. 8b—Calculus .....	3
Rhet. 10—Business Letter Writing ..	2

Otherwise same as General Business

## THIRD YEAR

Bus. Law 1a—Principles of Business Law .....	3
Bus. Org. and Op. 2—Marketing Organization and Operation .....	3
Econ. 51—Public Finance .....	3
Electives .....	6-9
<i>Total</i> .....	15-18
Bus. Law 1b—Principles of Business Law .....	3
Econ. 10—Corporation Management and Finance .....	3
Math. 23—Mathematics of Investments .....	3
Electives .....	6-9
<i>Total</i> .....	15-18

## FOURTH YEAR

Bus. Org. and Op. 7—Salesmanship and Sales Administration .....	3
Econ. 55—Economics of Insurance ..	2
Math. 30—Actuarial Mathematics ..	3
Electives .....	7-10
<i>Total</i> .....	15-18
Bus. Org. and Op. 8—Advertising ..	3
Math. 31—Actuarial Mathematics ..	3
Electives .....	9-12
<i>Total</i> .....	15-18

## CURRICULUM IN ACCOUNTANCY

The first and second years are the same as in the General Business Curriculum except that Mathematics 2—College Algebra (3)—is prescribed in the first semester of the first year.

## THIRD YEAR

## FIRST SEMESTER

Hours<sup>1</sup>

Acc'y 3a—Advanced Accounting ...	3
Bus. Org. and Op. 2—Marketing Organization and Operation .....	3
Electives .....	9-12
<i>Total</i> .....	15-18

## SECOND SEMESTER

Hours<sup>1</sup>

Acc'y 3b—Auditing .....	3
Econ. 10—Corporation Management and Finance .....	3
Math. 23—Mathematics of Investment .....	3
Electives .....	6-9

*Total* ..... 15-18

## FOURTH YEAR

Acc'y 5a—C. P. A. Problems .....	3
Acc'y 4a—Cost Accounting .....	2
Econ. 11—Industrial Consolidations ..	2
Bus. Law 1a—Principles of Business Law .....	3
Electives .....	5-8
<i>Total</i> .....	15-18
Acc'y 5b—C. P. A. Problems .....	3
Acc'y 4b—Systems .....	2
Acc'y 20—Income Tax .....	2
Bus. Law 1b—Principles of Business Law .....	3
Electives .....	5-8
<i>Total</i> .....	15-18

<sup>1</sup>Semester hours. For definition see page 223

## CURRICULUM IN GENERAL RAILWAY ADMINISTRATION

The first year of this curriculum is the same as the first year of the Curriculum in Insurance.

The second year is the same as in the General Business Curriculum.

## THIRD YEAR

Bus. Law 1a—Principles of Business Law . . . . .	3	Bus. Law 1b—Principles of Business Law . . . . .	3
Trans. 1—Transportation System of the United States . . . . .	3	Trans. 2—European Railroads . . . . .	3
Electives . . . . .	9-12	Trans. 12—Rates and Regulations . . . . .	3
<i>Total</i> . . . . .	15-18	Econ. 10—Corporation Management and Finance . . . . .	3
		Electives . . . . .	3-6
		<i>Total</i> . . . . .	15-18

## FOURTH YEAR

Econ. 41—Labor Problems . . . . .	3	Trans. 8—Railroad Organization and Working . . . . .	3
Trans. 7—Railroad Finance . . . . .	3	Econ. 42—Labor Organizations and Employers Associations . . . . .	3
Trans. 17—Terminals and Trains . . . . .	3	Trans. 26—Railroad Problems . . . . .	3
Trans. 22—Ocean Shipping . . . . .	3	Electives . . . . .	6-9
Electives . . . . .	3-6	<i>Total</i> . . . . .	15-18
<i>Total</i> . . . . .	15-18		

## CURRICULUM IN RAILWAY TRANSPORTATION

A curriculum designed for those planning to enter the transportation department of the railways.

## FIRST YEAR

FIRST SEMESTER		SECOND SEMESTER	
	Hours <sup>1</sup>		Hours <sup>1</sup>
Study Methods . . . . .	0	Acc'y 1b—Principles of Accounting . . . . .	3
Acc'y 1a—Principles of Accounting . . . . .	3	G. E. D. 2—Descriptive Geometry . . . . .	4
G. E. D. 1—Elements of Drafting . . . . .	4	Rhet. 2—Rhetoric and Themes . . . . .	3
Math. 2—College Algebra . . . . .	3	Math. 6—Analytic Geometry . . . . .	5
Math. 4—Trigonometry . . . . .	2	Phys. Ed. 2—Gymnasium Practice . . . . .	1
Rhet. 1—Rhetoric and Themes . . . . .	3	Mil. 2a and 2b, 12a and 12b, 22a and 22b, or 52a and 52b—Military Drill and Theory . . . . .	1
Phys. Ed. 1—Gymnasium Practice . . . . .	1½	Electives . . . . .	0-1
Hygiene 1 . . . . .	1½	<i>Total</i> . . . . .	17-18
Mil. 1a and 1b, 11a and 11b, 21a and 21b, or 51a and 51b—Military Drill and Theory . . . . .	1		
Electives . . . . .	0-1		
<i>Total</i> . . . . .	17-18		

<sup>1</sup>Semester hours. For definition, see page 223.

## SECOND YEAR

Econ. 1—Principles of Economics . . .	5	Econ. 3—Money, Credit, and Banking . . .	3
Math. 8a—Differential and Integral Calculus . . . . .	3	Math. 8b—Differential and Integral Calculus . . . . .	3
Physics 1a—General Physics . . . . .	3	Physics 1b—General Physics . . . . .	2
Physics 3a—Physical Measurements . . .	2	Physics 3b—Physical Measurements . . .	2
Mil. 3a and 3b, 13a and 13b, 23a and 23b, or 53a and 53b—Military Drill and Theory . . . . .	1	Bus. Org. and Op. 1 . . . . .	3
Rhet. 10—Business Letter Writing . . .	2	T. and A. M. 20—Analytical Mechanics . . . . .	3
Electives . . . . .	0-2	Mil. 4a and 4b, 14a and 14b, 24a and 24b, or 54a and 54b—Military Drill and Theory . . . . .	1
<i>Total</i> . . . . .	16-18	Electives . . . . .	0-1
		<i>Total</i> . . . . .	17-18

## THIRD YEAR

Bus. Law 1a—Principles of Business Law . . . . .	3	Bus. Law 1b—Principles of Business Law . . . . .	3
Trans. 1—Transportation System of the United States . . . . .	3	C. E. 36—Surveying . . . . .	2
Econ. 41—Labor Problems . . . . .	3	M. E. 2—Steam Engineering . . . . .	3
Electives . . . . .	6-9	Trans. 2—European Railroads . . . . .	3
<i>Total</i> . . . . .	15-18	Trans. 12—Rates and Regulations . . .	3
		Electives . . . . .	1-4
		<i>Total</i> . . . . .	15-18

## FOURTH YEAR

Trans. 7—Railroad Finance . . . . .	3	E. E. 12—Alternating Current Apparatus . . . . .	3
E. E. 11—Direct Current Apparatus . . .	3	E. E. 62—Alternating Current Laboratory . . . . .	1
E. E. 61—Direct Current Laboratory . . .	1	Trans. 8—Railroad Organization and Working . . . . .	3
M. E. 61—Power Measurement . . . . .	2	Trans. 26—Railroad Problems . . . . .	3
Trans. 17—Terminals and Trains . . . .	3	Electives . . . . .	5-8
Trans. 22—Ocean Shipping . . . . .	3	<i>Total</i> . . . . .	15-18
Electives . . . . .	0-3		
<i>Total</i> . . . . .	15-18		

## CURRICULUM FOR COMMERCIAL TEACHERS

The first and second years are the same as in the General Business Curriculum except that foreign language is prescribed in the first year, Psych. 1—Introduction to Psychology (4), and Psych. 2—General Psychology (4)—in the second year.

## THIRD YEAR

FIRST SEMESTER		SECOND SEMESTER	
	Hours <sup>1</sup>		Hours <sup>1</sup>
Bus. Law 1a—Principles of Business Law . . . . .	3	Bus. Law 1b—Principles of Business Law . . . . .	3
Ed. 25—Educational Psychology . . . .	3	Econ. 10—Corporation Management and Finance . . . . .	3
Pol. Sci. 1—American Government . . .	3	Pol. Sci. 3—State and Local Government . . . . .	3
Trans. 1—Transportation System of the United States . . . . .	3	Trans. 12—Rates and Regulations . . .	3
Electives . . . . .	3-6	Electives . . . . .	3-6
<i>Total</i> . . . . .	15-18	<i>Total</i> . . . . .	15-18

<sup>1</sup>Semester hours. For definition, see page 223.



## FOURTH YEAR

Bus. Org. and Op. 7—Salesmanship and Sales Administration.....	3	Bus. Org. and Op. 8—Advertising ..	3
Ed. 6—Principles of Secondary Ed...	3	Econ. 29—Foreign Commerce and Commercial Policies .....	3
Ed. 10—Technic of Teaching .....	3	or	
Electives .....	6-9	Econ. 31—Organization of Foreign Commerce .....	3
		Electives .....	9-12
<i>Total</i> .....	15-18	<i>Total</i> .....	15-18

## CURRICULUM IN FOREIGN COMMERCE

The first and second years of this curriculum are the same as in the General Business Curriculum except that foreign language is prescribed throughout both years.

## THIRD YEAR

FIRST SEMESTER		SECOND SEMESTER	
	Hours <sup>1</sup>		Hours <sup>1</sup>
Bus. Law 1a—Principles of Business Law .....	3	Bus. Law 1b—Principles of Business Law .....	3
Bus. Org. and Op. 2—Marketing Organization and Operation .....	3	Econ. 29—Foreign Commerce and Commercial Policies .....	3
Foreign Language .....	3 or 2	Econ. 10—Corporation Management and Finance .....	3
Hist. 3a—History of the United States	3	Foreign Language .....	3 or 2
Trans. 1—Transportation System of the United States .....	3	Hist. 3b—History of the United States	3
Electives .....	0-4	Trans. 12—Rates and Regulations ..	3
		Electives .....	0-1
<i>Total</i> .....	15-18	<i>Total</i> .....	17-18

## FOURTH YEAR

Bus. Org. and Op. 7—Salesmanship and Sales Administration .....	3	Econ. 8—Foreign Exchange and the Money Market .....	3
Advanced History .....	3	Econ. 31—Organization of Foreign Commerce .....	3
Pol. Sci. 6—International Law .....	3	Econ. 24—Economic Development of Modern Europe .....	3
Electives .....	6-9	Advanced History .....	3
		Pol. Sci. 7—American Diplomacy ...	3
<i>Total</i> .....	15-18	Electives .....	0-3
		<i>Total</i> .....	15-18

## CURRICULUM IN INDUSTRIAL ADMINISTRATION

The following curriculum is intended for students planning to enter the administrative or selling departments of industrial plants. To the usual courses in economics, accounting, etc., are added groups of technical courses offered by other colleges of the University. Four such groups have been arranged, as follows: Group A, the machine industries; Group B, the electrical industries; Group C, the building trades; Group D, the chemical industries. The student who selects one of these groups is required to take all the courses listed in the chosen group.

<sup>1</sup>Semester hours. For definition, see page 223.

A student electing the chemical industries group is required to take Econ. 27—Modern Industry (3) and Econ. 22—Economic History of the United States (3), instead of G. E. D. 1—Elements of Drafting (4) and G. E. D. 2—Descriptive Geometry (4), in the first year; and Chem. 1 or 1a—Inorganic Chemistry (5 or 3), instead of T. and A. M. 20—Analytical Mechanics (3), and Rhet. 10—Business Letter Writing (2) in the second year. Rhet. 10 is deferred until the third year.

One year of foreign language or English literature must be included among the electives.

## FIRST YEAR

## FIRST SEMESTER

	Hours <sup>1</sup>
Study Methods—	0
Acc'y 1a—Principles of Accounting..	3
G. E. D. 1—Elements of Drafting ..	4
Math. 2—College Algebra .....	3
Math. 4—Trigonometry .....	2
Rhet. 1—Rhetoric and Themes .....	3
Phys. Ed. 1—Gymnasium Practice ..	$\frac{1}{2}$
Hygiene 1 .....	$\frac{1}{2}$
Mil. 1a and 1b, 11a and 11b, 21a and 21b, or 51a and 51b—Military Drill and Theory .....	1
Electives .....	0-1
<i>Total</i> .....	17-18

## SECOND SEMESTER

	Hours <sup>1</sup>
Acc'y 1b or 1e (Acc'y 1a or 1 unit in high school) .....	3 or 4
G. E. D. 2—Descriptive Geometry ..	4
Math. 6—Analytic Geometry .....	5
Rhet. 2—Rhetoric and Themes .....	3
Phys. Ed. 2—Gymnasium Practice ..	1
Mil. 2a and 2b, 12a and 12b, 22a and 22b, or 52a and 52b—Military Drill and Theory .....	1
Electives .....	0-1
<i>Total</i> .....	17-18

## SECOND YEAR

Econ. 1—Principles of Economics ...	5
Math. 8a—Differential and Integral Calculus .....	3
Phys. 1a—General Physics .....	3
Phys. 3a—Physical Measurements ..	2
Acc'y 2a—Intermediate Accounting ..	3
Mil. 3a and 3b, 13a and 13b, 23a and 23b, or 53a and 53b—Military Drill and Theory .....	1
Electives .....	0-1
<i>Total</i> .....	17-18

Econ. 3—Money, Credit, and Banking	3
Math. 8b—Differential and Integral Calculus .....	3
Phys. 1b—General Physics .....	2
Phys. 3b—Physical Measurements ..	2
Rhet. 10—Business Letter Writing ..	2
T. and A. M. 20—Analytical Mechanics .....	3
Bus. Org. and Op. 1 .....	3
Mil. 4a and 4b, 14a and 14b, 24a and 24b, or 54a and 54b—Military Drill and Theory .....	1
<i>Total</i> .....	19

## THIRD YEAR

Bus. Org. and Op. 2—Marketing Organization and Operation .....	3
Bus. Law 1a—Principles of Business Law .....	3
Trans. 1—Transportation System of the United States .....	3
Prescribed technical courses, Group A, B, C, or D .....	6-2
Electives .....	0-7
<i>Total</i> .....	15-18

Bus. Law 1b—Principles of Business Law .....	3
Trans. 12—Rates and Regulations ..	3
Prescribed technical courses, Group A, B, C, or D .....	6-3
Electives .....	3-9
<i>Total</i> .....	15-18

<sup>1</sup>Semester hours. For definition, see page 223.

## FOURTH YEAR

Bus. Org. and Op. 4 <sup>1</sup> —Industrial Organization .....	3	Bus. Org. and Op. 8—Advertising ..	3
Bus. Org. and Op. 7—Salesmanship and Sales Administration .....	3	Econ. 10—Corporation Management and Finance .....	3
Econ. 43—Personnel Administration ..	3	Prescribed Technical Courses, Group A, B, C, or D .....	9-1
Prescribed Technical Courses, Group A, B, C, or D .....	7-3	Electives .....	0-11
Electives .....	0-6	Total .....	15-18
Total .....	16-18		

## OPTIONAL GROUPS OF TECHNICAL COURSES

## GROUP A—Machine Industries:

## THIRD YEAR

## FIRST SEMESTER

Hours<sup>2</sup>

T. and A. M. 21—Analytical Mechanics .....	2
M. E. 85—Pattern and Foundry Laboratory .....	3

## SECOND SEMESTER

Hours<sup>2</sup>

M. E. 88—Machine and Forge Work ..	3
M. E. 2—Steam Engineering .....	3

## FOURTH YEAR

## FIRST SEMESTER

M. E. 61—Power Measurement ....	2
E. E. 11—Direct Current Apparatus ..	3
E. E. 61—Direct Current Laboratory ..	1

## SECOND SEMESTER

E. E. 12—Alternating Current Apparatus .....	3
E. E. 62—Alternating Current Laboratory .....	1

## GROUP B—Electrical Industries:

## THIRD YEAR

## FIRST SEMESTER

T. and A. M. 21—Analytical Mechanics .....	2
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## SECOND SEMESTER

M. E. 2—Steam Engineering .....	3
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## FOURTH YEAR

## FIRST SEMESTER

M. E. 61—Power Measurement ....	2
E. E. 11—Direct Current Apparatus ..	3
E. E. 61—Direct Current Laboratory ..	1
E. E. 90—Lighting .....	1

## SECOND SEMESTER

E. E. 12—Alternating Current Apparatus .....	3
E. E. 62—Alternating Current Laboratory .....	1

## GROUP C—Building Trades:

## THIRD YEAR

## FIRST SEMESTER

A. E. 43—Technology of Materials ..	2
T. and A. M. 25—Resistance of Materials .....	4

## SECOND SEMESTER

T. and A. M. 26—Analytical Mechanics and Hydraulics .....	4
A. E. 44—Laboratory Work in Testing Materials .....	3

## FOURTH YEAR

## FIRST SEMESTER

A. E. 45—Graphic Statics .....	3
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## SECOND SEMESTER

C. E. 36—Surveying .....	2
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<sup>1</sup>Bus. Org. and Op. 4—Industrial Organization and Management—is not required of students pursuing Group C of the curriculum (Building Trades).

<sup>2</sup>Semester hours. For definition, see page 223.

**GROUP D—Chemical Industries:****THIRD YEAR****FIRST SEMESTER**

	Hours <sup>1</sup>
Chem. 2a—Inorganic Chemistry and Qualitative Analysis .....	5

**SECOND SEMESTER**

	Hours <sup>1</sup>
Chem. 5a—Elementary Quantitative Analysis .....	5

**FOURTH YEAR****FIRST SEMESTER**

Chem. 14a—Organic Chemistry ....	3
Chem. 14c—Organic Chemistry (Laboratory Work) .....	2
Chem. 92a—Chemical Literature and Reference Work .....	1

Chem. 6—Chemical Technology ....	3
Chem. 31—Elementary Physical Chemistry .....	3
Chem. 33—Elementary Physical Chemistry (Laboratory Work) ...	2
Chem. 92b—Chemical Literature and Reference Work .....	1

**CURRICULUM IN PUBLIC UTILITIES****FIRST YEAR****FIRST SEMESTER**

	Hours <sup>1</sup>
Study Methods— .....	0
Acc'y 1a—Principles of Accounting .	3
Econ. 27—Modern Industry .....	3
Math. 2—College Algebra .....	3
Rhet. 1—Rhetoric and Themes .....	3
Phys. Ed. 1—Gymnasium Practice ..	½
Hygiene 1 .....	½
Mil. 1a and 1b, 11a and 11b, 21a and 21b, or 51a and 51b—Military Drill and Theory .....	1
Electives .....	1-4
<b>Total</b> .....	<b>15-18</b>

**SECOND SEMESTER**

	Hours <sup>1</sup>
Acc'y 1b—Principles of Accounting..	3
Econ. 22—Economic History of the United States .....	3
Math. 4—Plane Trigonometry ....	2
Rhet. 2—Rhetoric and Themes .....	3
Phys. Ed. 2—Gymnasium Practice ..	1
Mil. 2a and 2b, 12a and 12b, 22a and 22b, or 52a and 52b—Military Drill and Theory .....	1
Electives .....	2-5
<b>Total</b> .....	<b>15-18</b>

**SECOND YEAR**

Acc'y 2a—Intermediate Accounting .	3
Econ. 1—Principles of Economics ...	5
Physics 7a—General Physics .....	2½
Physics 8a—Introductory Laboratory Physics .....	2½
Mil. 3a and 3b, 13a and 13b, 23a and 23b, or 53a and 53b—Military Drill and Theory .....	1
Electives .....	1-4
<b>Total</b> .....	<b>15-18</b>

Acc'y 2b—Intermediate Accounting .	3
Econ. 3—Money, Credit, and Banking	3
B. O. and O. 1 .....	3
Physics 7b—General Physics .....	2½
Physics 8b—Introductory Laboratory Physics .....	2½
Mil. 4a and 4b, 14a and 14b, 24a and 24b, or 54a and 54b—Military Drill and Theory .....	1
Electives .....	0-3
<b>Total</b> .....	<b>15-18</b>

**THIRD YEAR**

Bus. Org. and Op. 2—Marketing Organization and Operation .....	3
Bus. Law 1a—Principles of Business Law .....	3
Trans. 1—Transportation System of the United States .....	3
Pol. Sci. 1—American Nat'l Government .....	3
Econ. 81—Principles of Public Utilities .....	3
Electives .....	0-3
<b>Total</b> .....	<b>15-18</b>

Bus. Law 1b—Principles of Business Law .....	3
Econ. 10—Corporation Management and Finance .....	3
Rhet. 10—Business Letter Writing ..	2
Trans. 12—Rates and Regulations ..	3
Pol. Sci. 3—State and Local Government .....	3
Bus. Org. and Op. 70—Operation and Public Utilities .....	3
Electives .....	1
<b>Total</b> .....	<b>17-18</b>

<sup>1</sup>Semester hours. For definition, see page 223.

## FOURTH YEAR

Pol. Sci. 4—Municipal Government. . . . .	3	Pol. Sci. 11—Constitutional Aspects of Social and Industrial Problems. . . . .	3
Econ. 51—Public Finance . . . . .	3	Pol. Sci. 34—Municipal Problems . . . . .	3
Econ. 41—Labor Problems . . . . .	3	Econ. 43—Personnel Administration . . . . .	3
Bus. Org. and Op. 75—Public Utilities Management . . . . .	3	Econ. 82—Regulation of Public Utili- ties Service . . . . .	2
Electives . . . . .	3-6	Econ. 83—Theory and Practice of Rate Making . . . . .	3
	15-18	Electives . . . . .	1-4
			15-18

## CURRICULUM IN COMMERCE AND LAW

(A six-year combined curriculum)

The following curriculum is provided for students who wish to combine commercial and legal studies and secure both the degree of Bachelor of Science and the degree of Bachelor of Laws or of Doctor of Law in six years. Students who elect this curriculum must meet all the requirements for graduation from the College of Commerce and Business Administration; but, in exercising their privileges of election, they are urged to select as many hours as possible from the following subjects: Hist. 2a-2b, English History (6); Hist. 3a-3b, United States History (6); Hist. 4a-4b; English Constitutional History (6); Pol. Sci. 1, American Government (3); and Pol. Sci. 3; State and Local Government (3); and Econ. 25, Economic History of England (3). Students expecting to study law should devote at least 12 hours to work in history and political science. A course in English History is regarded as one of the most essential pre-legal subjects.

The law courses in the curriculum may be taken only in the fourth year, and are counted for 30 hours of credit toward the degree, provided the full year's work is completed. In their fourth year, students will be regularly registered in the College of Law, but must file copies of their study-lists in the office of the Dean of the College of Commerce and Business Administration at the beginning of each semester.

## FIRST YEAR

FIRST SEMESTER		SECOND SEMESTER	
	Hours <sup>1</sup>		Hours <sup>1</sup>
Study Methods— . . . . .	0	Acc'y 1b—Principles of Accounting. . . . .	3
Acc'y 1—Principles of Accounting . . . . .	3	Econ. 22—Economic History of the United States . . . . .	3
Econ. 27—Modern Industry . . . . .	3	Rhet. 2—Rhetoric and Themes . . . . .	3
Rhet. 1—Rhetoric and Themes . . . . .	3	Phys. Ed. 2—Gymnasium Practice . . . . .	1
Phys. Ed. 1—Gymnasium Practice . . . . .	1½	Mil. 2a and 2b, 12a and 12b, 22a and 22b, or 52a and 52b—Military Drill and Theory . . . . .	1
Hygiene 1 . . . . .	1½	Electives . . . . .	4-7
Mil. 1a and 1b, 11a and 11b, 21a and 21b, or 51a and 51b—Military Drill and Theory . . . . .	1		
Electives . . . . .	4-7		
	15-18	Total . . . . .	15-18

<sup>1</sup>Semester hours. For definition, see page 223.

## SECOND YEAR

Acc'y 2a—Intermediate Accounting .	3
Econ. 1—Principles of Economics . .	5
Rhet. 10—Business Letter Writing . .	2
Mil. 3a and 3b, 13a and 13b, 23a and 23b, or 53a and 53b—Military Drill and Theory . . . . .	1
Electives . . . . .	4-7
<i>Total</i> . . . . .	15-18

Acc'y 2b—Intermediate Accounting .	3
Econ. 3—Money, Credit, and Banking .	3
Philos. 1—Logic . . . . .	3
Bus. Org. and Op. 1 . . . . .	3
Mil. 4a and 4b, 14a and 14b, 24a and 24b, or 54a and 54b—Military Drill and Theory . . . . .	1
Electives . . . . .	2-5
<i>Total</i> . . . . .	15-18

## THIRD YEAR

Bus. Org. and Op. 2—Marketing Organization and Operation . . . .	3
Econ. 51—Public Finance . . . . .	3
Electives . . . . .	9-12
<i>Total</i> . . . . .	15-18

Econ. 10—Corporation Management and Finance . . . . .	3
Electives . . . . .	12-15
<i>Total</i> . . . . .	15-18

## FOURTH YEAR

Law 1a—Contracts . . . . .	4
Law 2a—Torts . . . . .	3
Law 5a—Criminal Law and Procedure .	2
Law 6—Personal Property . . . . .	2
Law 44—Actions . . . . .	3
Law 45—Legal Bibliography . . . . .	1
<i>Total</i> . . . . .	15

Law 1b—Contracts . . . . .	3
Law 2b—Torts . . . . .	3
Law 5b—Criminal Law and Procedure .	2
Law 3—Real Property . . . . .	3
Law 11—Agency . . . . .	3
Law 49—Reading Course . . . . .	1
<i>Total</i> . . . . .	15

## GRADUATE WORK

In the College of Commerce and Business Administration numerous courses open only to graduate students are offered in Economics (including Agricultural Economics), Accountancy, and Business Organization and Operation. An opportunity is afforded graduate students for study in any one of the twelve curricula of the College.

## BUREAU OF BUSINESS RESEARCH

The Bureau of Business Research was organized in 1921 to carry on research in economic problems of statewide importance. In addition to its work in research, it maintains a Division of Information which attempts to be of assistance to the business men of the state.

## COLLEGE OF ENGINEERING

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For a description of the *buildings* used by this College, see page 47; for *collections* related to it, see page 56; for *clubs and societies auxiliary to its curricula*, see page 84; for *fees*, see page 87; for *honors*, see page 77; for *honorary societies*, see page 84; for *prizes*, see page 79.

The purpose of the College is to train men for the profession of engineering. In its curricula, cultural subjects are interwoven with the theoretical subjects of the several departments. The instruction of the class-room and the practice afforded by the library, the drafting room, and the laboratory are correlated. Throughout his course the student works on problems and proceeds by methods similar to those which arise in the experience of the practicing engineer.

For the requirements for admission to the University, see pages 58-74.

See the statement of the regulations of the University in regard to unclassified students, page 65.

### REQUIREMENTS FOR GRADUATION

Each curriculum in the college requires the completion of 142 credit hours. With the exception of the curricula in Ceramics, Ceramic Engineering, General Engineering, and Engineering Physics, no less than 130 hours of the 142 are specified and required for the degree. Six or nine hours of non-technical work are elective in the junior and senior years of each curriculum.

### DESCRIPTION OF DEPARTMENTS

The College of Engineering comprises the following departments:

DEPARTMENT OF ARCHITECTURE, with curricula in—

Architecture

Architectural Engineering

DEPARTMENT OF CERAMIC ENGINEERING, with curricula in—

Ceramics

Ceramic Engineering

DEPARTMENT OF CIVIL ENGINEERING

DEPARTMENT OF ELECTRICAL ENGINEERING

DEPARTMENT OF MECHANICAL ENGINEERING

DEPARTMENT OF MINING ENGINEERING

DEPARTMENT OF MUNICIPAL AND SANITARY ENGINEERING

DEPARTMENT OF PHYSICS

DEPARTMENT OF RAILWAY ENGINEERING, with curricula in—

Railway Civil Engineering

Railway Electrical Engineering

Railway Mechanical Engineering

The curriculum in General Engineering is administered by the office of the Dean of the College.

The curriculum in Gas Engineering is administered by the Department of Mining Engineering.

**ARCHITECTURE.**—The University offers two curricula in the Department of Architecture leading to the first degree, the curriculum in architecture and the curriculum in architectural engineering.

The curriculum in architecture aims to train the student to produce correct, thoughtful, and beautiful works of architecture. The schedule includes liberal and scientific subjects to supply the background for creative work and to give a knowledge of the principles involved in the processes of safe and economical construction; also free-hand drawing for the purpose of training the eye to recognize correct proportion and training the hand to skillful and rapid drawing. The curriculum, however, consists mainly of the study of architectural forms and principles and their application in architectural design. From time to time the problems of the Society of Beaux Arts of Architects are given and the student drawings sent to New York for judgment.

The curriculum in architectural engineering gives a groundwork in mathematics and applied mechanics, and includes such studies as strength of materials, mill, and tall building construction, reinforced concrete, etc. The principles of these subjects are applied to all forms of building construction in courses given in the senior year. While specializing in construction, this curriculum includes also the study of the forms and principles of architecture through such subjects as free-hand drawing, architectural history, architectural drawing, and architectural design.

Both curricula prepare the student for the examinations of the Illinois State Board of Examiners of Architects, and graduates are exempt from examinations required for entrance into the American Institute of Architects, and from the preliminary examination for the prize in Architecture of the American Academy at Rome.

Students intending to take up the study of architecture should take free-hand and architectural drawing and general history in high school.

The equipment of the department includes plaster casts of architectural detail and ornament; lantern slides of architectural subjects and of painting and sculpture; a collection of 300 examples of American woods, shown in three sections each; and collections of architectural drawings and of specimens of building materials, fittings, and appliances.

A balopticon is used for direct projection of photographs and colored plates, and a double electric lantern for projecting two pictures on the screen at once for comparative study. Geometrical and architectural models are lighted by a light properly adjusted for demonstration of the subjects of shades and shadows and conventional rendering. Wall space in the corridors of the department and in all drafting rooms has been prepared for exhibition purposes, and collections of drawings are constantly displayed. The department occupies the fourth floor of Engineering Hall, and part of the third; its quarters include drafting rooms for undergraduate and graduate work, lecture rooms, studios for free-hand drawing, and the Ricker Library of Architecture.

The Ricker Library of Architecture, occupying the entire north wing of the fourth floor of Engineering Hall, is open every week day from 8 a. m. to 10 p. m. Large tables are provided for the examination of books, photographs, and drawings. The books, representing a collection of several thousand on architecture, engineering, and allied arts, are all books for reference in history, design, and construction. There are also over 15,000 lantern slides, 15,000 mounted photographs and drawings, and a collection of stereoscopic views of several of the principal countries of the world.



**CERAMIC ENGINEERING.**—In the Department of Ceramic Engineering are offered courses of instruction relating to the fabrication of clay products, cement and glass, and enamels for metals.

In addition to the fundamental engineering courses, work is offered in the physical and chemical principles of the production of silicate products, the winning and preparation of raw materials, their shaping, drying, and burning, or fusion, the composition and application of the various glazes, glasses, enamels, and colors, the planning and construction of industrial plants, and the machines, apparatus, kilns, and furnaces used in these plants.

Industrial cooperation and research are prosecuted, and a series of bulletins on ceramic subjects is being published.

The ceramic laboratories contain apparatus for the testing of clays and the preparation of cements, enamels, and glasses; machinery for grinding the raw materials, for shaping bricks, tile, saggars, pottery, and refractories; a gas producer; kilns and furnaces; pyrometers, potentiometers, electric furnaces, recording instruments, and all other accessories for exact scientific and technical work.

A library pertaining to the silicate industries is available; also there are sets of working drawings representing the construction of important plants.

**CIVIL ENGINEERING.**—This department makes possible a systematic study of the principles of engineering and gives the students an opportunity for practice in the survey, design, and construction of public and other engineering works. The prime object is the development of the mental faculties of the student, particularly his initiative, and to help him to obtain a good grasp of the needs and opportunities afforded by engineering.

For the surveying courses there is a full equipment of engineers' transits, levels, plane-tables, and other instruments in use in ordinary and railroad surveying, and in more precise work.

In a building set apart for the purpose are highway laboratories containing machines for testing bituminous and non-bituminous road materials, including brick, stone, and other road-making substances.

The structural laboratory building houses the cement concrete laboratory, the structural research laboratory, and the semi-fluids laboratory. The cement concrete laboratory is equipped for testing cement, aggregates, and concrete specimens. The structural research laboratory is equipped with a mechanician's shop and with a high-capacity testing machine for investigating structural elements. The semi-fluids laboratory is devoted to the study of the statics and dynamics of pulverulent, granular, fragmental, and plastic materials.

**ELECTRICAL ENGINEERING.**—In the Department of Electrical Engineering is provided a curriculum in the theory and application of electricity. The first two years of work are substantially the same as in the other engineering curricula, including work in drafting room and shop, and instruction in the principles of mathematics and physics. In the third year a course in dynamo machinery is followed by the theory of alternating currents, while laboratory and design courses emphasize principles. Technical courses cover the generation, transmission, and distribution of electric power, and its various applications. In the laboratory a study of dynamos is followed in the fourth year by experiments in the operation of electrical machinery. Investigation of problems of power distribution is made in advanced laboratory and thesis work.

The 850 kilowatt power plant of the University supplies the electrical engineering laboratory with power for its operation.

The power equipment in the electrical engineering laboratory includes one hundred direct-current machines with a total capacity of 600 kilowatts, forty alternating current machines with a total capacity of 400 kilowatts, and sixty-three transformers with a total capacity of 380 kilowatts. Experimental switchboards containing a total of 30 panels afford distribution and control.

The instrument room contains standards for the calibration of commercial instruments of all types, 250 portable instruments for experimental work, and a 240 ampere-hour storage battery. The graduate laboratory contains apparatus for research including four oscillographs, one 2,000-cycle alternator, one 200,000-volt transformer, one 1,000-ampere direct current generator, and apparatus for high voltage direct current investigations. The photometer room contains apparatus for tests of the various light sources. Two special 100-line switchboards are connected with cables and apparatus for experiments in telephony. The equipment for electrometallurgical work includes one 30-kilowatt induction furnace, one 25-kilowatt arc furnace, two 30-kilowatt resistance furnaces, one 15-kilowatt vacuum furnace for melting, one 3-kilowatt vacuum furnace for annealing and one 1.5-kilowatt muffle furnace.

**MECHANICAL ENGINEERING.**—The courses in the Department of Mechanical Engineering are planned to present the theory and practice of the generation and transmission of power, and of the design, construction, operation, and testing of machinery of all kinds. In the laboratories emphasis is given to the engineering and economic principles of machine construction and to problems of scientific shop management.

*The Designing Rooms* are supplied with drawing tables, reference books, files of trade catalogs, gear charts, and collections of blue prints. A collection of kinematic models, sectional steam specialties, lantern slides, and photographs is also available.

*The Mechanical Engineering Laboratory* is equipped with machines and testing instruments for instruction in steam engineering, gas power engineering, refrigeration, heating, and ventilation. The equipment includes a 210-horsepower experimental boiler, with chain-grate stoker, fuel economizer, and induced draft; a separately fired steam super-heater; types of throttling, high-speed automatic, and Corliss steam engines; steam condensers; a compound two-stage air compressor; a large compound duplex steam pump; a 100-k.w. Terry steam turbine; a 200,000-pound Lea water-flow; a 10-ton ammonia compression refrigerating machine; a 10-ton ammonia absorption refrigerating machine; typical gas, gasoline, and oil engines; a 50-horsepower suction gas producer, house-heating boilers and furnaces; a 150-horsepower electric absorption and transmission dynamometer; and apparatus for instruction in heating and ventilation and the mechanical equipment of buildings. The central heating and power plant contains types of boilers, stokers, pumps, and engines in commercial service.

*The Shop Laboratories* are provided with machinery and apparatus to illustrate the process of the manufacture of machinery. The laboratories include the *Pattern Laboratory* with an equipment of benches, lathes, machinery, and small tools needed in pattern construction; the *Foundry Laboratory* equipped with cupola, brass furnaces, core ovens, moulding machines, and facilities for bench and floor moulding; the *Forge Laboratory* equipped with

forges, anvils and small tools, a steam hammer, a power-driven punch and shear, and with gas and electric furnaces; and the *Machine Laboratory* with an equipment of lathes, planers, shapers, milling machines, grinders, boring mills, drill presses, and with typical small tools and fixtures used in manufacturing.

**MECHANICS, THEORETICAL AND APPLIED.**—The courses in theoretical and applied mechanics are designed to meet the needs of students of engineering.

The *Laboratory of Applied Mechanics* comprises the materials testing laboratory and the hydraulics laboratory. The equipment of the *Materials Testing Laboratory* includes testing machines and apparatus for making physical tests of materials of construction, such as tension, compression, flexure, shearing, torsion, hardness, and impact tests, and tests under repeated load.

The laboratory contains machines of capacity for testing full size structural and machine members. Among these there is a universal machine of six hundred thousand pounds capacity. Facilities are provided for making, curing, and testing concrete and reinforced concrete test specimens. The *Hydraulics Laboratory* has facilities for furnishing water under a range of pressures and volumes. There is an equipment of devices for measuring and recording the flow of water, including measuring pits, water meters, weir channels, nozzles, pitometer, and Venturi meters. In the equipment are pumps, a stand-pipe, water motors, and a turbine water wheel for testing purposes. A supply of pressure gauges, weighing scales, and other auxiliary apparatus is provided.

**MINING ENGINEERING.**—In the Department of Mining Engineering are offered courses of instruction in mining and metallurgical engineering to train men for the various phases of the mineral industry.

The work of the department adds to the preliminary courses in mathematics, languages, chemistry, physics, and general engineering, that are common to all courses in engineering, specialized work in mine surveying, mining methods, geology, prospecting, mine examination and valuation, ventilation, first aid and rescue, mining machinery, coal washing and ore concentration, metallurgy, utilization of fuels, administration and organization of mines, mining law, and the design of mining and metallurgical structures.

There are three distinct options—coal mining, ore mining, and metallurgical engineering—and by means of the electives offered, a student can also specialize along the geological phases of mining, including work in oil prospecting and development.

In addition to its work of instruction, the department concerns itself with the development and dissemination of scientific facts of service in improving the practice of mining with reference to efficiency in operation, the security of life in the mines, and the conservation of the mineral resources of the State.

The drawing room contains the catalogs of the manufacturers of mining machinery with a complete card index, standard reference books on mine and mill design, and a collection of photographs, blue-prints, and drawings of mines, mine structures, ore, coal, and metallurgical plants.

The mine-gas and safety-lamp laboratory contains safety lamps of all types, electric and magnetic locking appliances, a photometer, a dark room for photometric work, Ryan, Oldham, and Hailwood safety-lamp testing apparatus, appliances for gas and dust analysis and explosibility tests, and a Bacharach hydro volume and pressure recorder.

A centrifugal fan three feet in diameter is connected to 500 feet of ventilating ducts arranged in three parallel lines so that the effects of splitting

the air in various ways may be demonstrated. The same equipment is used for experimental work in mine ventilation.

The coal-washing and ore-dressing laboratory contains for crushing: rolls, gyratory and jaw crushers, and a 500-pound 3-stamp battery; for screening and sizing: trommels, shaking and vibrating screens, 11-inch exhaust fan, cyclone collector and classifiers; for concentrating and cleaning: pan, piston and pulsating jigs, bumping table, vanner, concentrating tables, and electrostatic separator, a magnetic separator and two flotation units. These machines can handle 3 to 5 tons of coal and one ton of ore an hour. There are also a complete sampling and drying equipment, a cyanide testing plant, and other appliances used for testing. Adjoining this laboratory is a chemical and assay laboratory equipped for the analytical work connected with coal washing and ore concentration.

The explosives and drilling laboratory contains types of rock and coal drills, an air meter, a diamond drill, chain and puncher coal cutters and a complete outfit for demonstrating the use of explosives.

**MUNICIPAL AND SANITARY ENGINEERING.**—The curriculum in the Department of Municipal and Sanitary Engineering is designed to train students for the duties of the engineer employed on the design, construction, and operation of public works and public utilities, and for general engineering work.

The methods of training are intended to develop power to take up and solve new problems connected with municipal public works, as well as to design and to superintend the ordinary constructions. Surveying, structural materials, and structural design are taught as in the civil engineering curriculum. Chemistry and bacteriology of water supply and sewage disposal are given; and there is instruction in mechanical and electrical engineering in the generation and transmission of power.

The hydraulic laboratory is well equipped with apparatus illustrating the laws of hydraulics as applied in waterworks and sewerage practice, and it also contains a small rapid sand filter, a small slow sand filter, and several arrangements of dosing siphons. Research equipment in plumbing devices and installations is provided. Opportunities for practice and study are provided at the filter plant of the Champaign and Urbana Water Company, and at the University experimental sewage treatment plant.

**PHYSICS.**—The Laboratory of Physics supplies facilities and equipment for instruction and investigation in physics. Gas, distilled water, compressed air and vacuum, and direct and alternating electric currents are available in all parts of the building. There is a collection of over 4,000 pieces of apparatus. New investigations can usually be started with the apparatus on hand. There are two workshops, one for advanced students and instructors, and one for the mechanics of the department. The students' shop is equipped with lathes, drill press, and bench tools. The mechanics' shop contains lathes, milling machines, drill press, and other facilities for fine work.

The University Library contains sets of journals of physics and the related sciences in English, French, and German. The recent volumes of the physical journals, together with a collection of text-books, encyclopedias, dictionaries, and other reference books, are in the special library of the Laboratory.

**RAILWAY ENGINEERING.**—The Department of Railway Engineering is organized to train students for service in the technical departments of railways. In it the University offers curricula in railway civil engineering, railway electrical engineering, and railway mechanical engineering, all three of which are substantially the same as the corresponding civil, electrical, and mechanical engineering curricula to the end of the second year. The curricula in railway civil and railway mechanical engineering are designed for those who wish to enter steam railway service in the engineering and motive power departments respectively, while the curriculum in railway electrical engineering is intended for those who will serve on electric railways or in the electrical departments of steam roads. The special subjects of the curriculum in railway civil engineering concern the location, design, construction, and maintenance of railway track and equipment, and the design of railway structures. The courses in railway electrical engineering deal with the design and construction of electric railway equipment, the operation and performance of electric cars and locomotives and with the problems which arise in the electrification of steam lines. The curriculum in railway mechanical engineering adds to the fundamentals of the general mechanical engineering curriculum special railway courses on the design of locomotives and cars, the resistance of trains, the performance and tests of locomotives, and tests of railway equipment.

A locomotive testing plant, built from the original designs of the department, is devoted exclusively to making tests to determine the performance of locomotives. The locomotives tested have, for the most part, been furnished by certain railroad companies. Permanent arrangements are contemplated under which it may be possible to maintain in the plant a locomotive of the latest design.

For purposes of instruction a light freight locomotive is permanently available in this laboratory. This locomotive, donated by the Illinois Central Railroad, is of the mogul type with simple cylinders using saturated steam.

The University owns and operates, jointly with the Illinois Central Railroad, a railway test car designed for experimental work on steam roads. It is equipped for making train resistance and locomotive performance tests, and during the last twenty years has been in frequent operation in carrying on resistance and tonnage rating tests on the Illinois Central Railroad and on several eastern roads.

For work on electric roads the University owns an electric test car, of the interurban type, designed and built for the University. It is equipped with four 50-horsepower direct current motors and with the Westinghouse multiple control system, and with instruments for recording power, speed, acceleration, and the other data needed in road tests, and for measuring and recording the electric resistance of rail bonds. Through the courtesy of the Illinois Traction System this car is operated on its lines, which enter the campus of the University.

The laboratory equipment includes a drop-testing machine and a brake shoe testing machine, both constructed in accordance with the standard of the Master Car Builders' Association. The drop-testing machine is designed for use in testing the strength of railroad rails, car axles, car couplers and draft gears; and may be used in studies of the physical properties of structural materials of any sort. The brake shoe-testing machine supplies

means for determining the wearing properties and frictional qualities of brake-shoes, such as are employed in regular service on railroad trains.

Much of the work in the railway courses is given in the departments of civil, electrical, and mechanical engineering, and the shop and laboratory equipment of these departments is available for students in the railway department.

Three steam roads—the Illinois Central, the Cleveland, Cincinnati, Chicago, & St. Louis, and the Wabash railroads; and two electric interurban roads—the Illinois Traction System and the Kankakee and Urbana railway—enter Champaign and Urbana. The department is afforded by them opportunities for practical road tests and field work.

#### GENERAL ENGINEERING LECTURES FOR FRESHMEN

One general lecture, sufficiently popular in character to interest and inspire young students, is given each week. All freshman engineering students are required to attend this lecture.

#### TRIPS OF INSPECTION

Students in the College of Engineering are required to make a trip of inspection during their senior year. Such trips supply an opportunity to inspect the work of industrial establishments and of engineering enterprises. They usually occupy from three to four days, and are taken during term time, under the supervision of University authorities. They involve an expense of approximately \$25 to \$30 to each student. For the year 1923-24, the trips occurred on October 24-27, 1923.

No student not in line for graduation is permitted to go on the annual inspection trip of the College of Engineering without the approval of the General Committee on Inspection Trips.

#### NON-TECHNICAL ELECTIVES

The non-technical electives for students in the College of Engineering are subject to the following restrictions:

1. They are restricted to courses offered in the College of Liberal Arts and Sciences and in the College of Commerce, and courses 1 to 16 in Music.
2. Such courses must not be open to freshman students, except in the case of courses in music.
3. The courses must be approved by the head of the department in which the student making the election is registered.
4. Students in the College of Engineering electing the third and fourth years' work in the Reserve Officers' Training Corps may substitute the hours of credit thus received for a corresponding number of hours of the required non-technical electives.

#### RHETORIC PREREQUISITE FOR JUNIOR STANDING

Rhetoric 1 and 2 are prerequisites for junior standing in the College of Engineering, and no student in this College shall be permitted to register in more than eight hours of prescribed junior work without having passed or being registered in Rhetoric 1 or 2.

#### REQUIREMENTS IN LANGUAGE

Except in curricula where the language requirement is specifically designated, as German or French, for instance, any student who has completed in high

school one or more years of French, German, Spanish, or the fourth year of English and has had the same accredited to him as entrance credits by the Registrar, may be excused from language requirements specified in his curriculum to the extent that one year's high-school work shall be considered the equivalent of a semester's work in college and he may select in lieu thereof any course falling under the designation of non-technical electives in the College of Engineering or technical electives outside the required courses in his curriculum. No fractional unit of high school work may be considered in the application of this regulation, and the full equivalent of the eight-hour requirement in a single language must be obtained by each student in the fulfillment of graduation requirements.

### THESES

Theses may be required of all students in the Department of Ceramics and may be elected by students in other departments with the approval of the head of the department concerned. Only students of high standing are allowed to elect theses.

### CURRICULA AND DEGREES

Each of the following twelve curricula, leading to the degree of Bachelor of Science, may ordinarily be completed in a period of four years.

A graduate of the University of Illinois in architectural, ceramic, civil, electrical, mechanical, mining, municipal and sanitary, or railway engineering may receive the degree of an allied curriculum on the completion of from thirty to thirty-six semester hours of work approved by the faculty. This work may be done in one academic year.

A graduate of the College of Liberal Arts and Sciences of the University of Illinois, or of any college of equal standing, whose mathematical training includes the calculus, who has had an acceptable course in physics, and training in mechanics to enable him to begin the mechanics of the junior year, may receive the degree of Bachelor of Science on the completion of sixty-eight credit hours of work in engineering under the direction of the faculty. This work may be done in two academic years. Candidates for the degree in the department of architecture are not required to be prepared in calculus or mechanics, but should have special preparation in drawing.

### CURRICULUM IN ARCHITECTURE

#### FIRST YEAR

FIRST SEMESTER		SECOND SEMESTER	
	Hours <sup>1</sup>		Hours
Arch. 31—Arch. and Freehand Drawing .....	4	Arch. 32—Arch. and Freehand Drawing .....	4
G. E. D. 2—Descriptive Geometry ..	4	Chem. 1a or 1b—Inorganic Chemistry <sup>3</sup> or <sup>4</sup>	
Math. 2—Advanced Algebra .....	3	T. and A. M. 14—Elementary Mechanics .....	4
Math. 4—Trigonometry .....	2	Rhet. 2—Rhetoric and Themes .....	3
Rhet. 1—Rhetoric and Themes .....	3	Phys. Ed. 2—Gymnasium Practice ..	1
Phys. Ed. 1—Gymnasium Practice ..	$\frac{1}{2}$	Mil. 2a and 2b, 12a and 12b, 22a and 22b, 32a and 32b, or 52a and 52b—Military Drill and Theory .....	1
Hyg. 1—Hygiene (Men) .....	$\frac{1}{2}$	Eng. Lecture .....	0
Mil. 1a and 1b, 11a and 11b, 21a and 21b, 31a and 31b, or 51a and 51b—Military Drill and Theory .....	1		
Eng. Lecture .....	0		
<b>Total .....</b>	<b>18</b>	<b>Total .....</b>	<b>16-1</b>

<sup>1</sup>Semester hours. For definition, see page 223.

## SECOND YEAR

Arch. 13—History of Architecture ..	2	Arch. 14—History of Architecture ..	2
Arch. 23—Freehand Drawing .....	2	Arch. 24—Freehand Drawing .....	2
Arch. 33—Design .....	3	Arch. 34—Design .....	3
Arch. 43—Technology of Materials ..	3	Arch. 44—Technology of Materials ..	3
Phys. 9a—Physics Lectures .....	2	Phys. 9b—Physics Lectures .....	2
Phys. 10a—Physics Laboratory .....	2	Phys. 10b—Physics Laboratory .....	2
T. and A. M. 15—Strength of Materials	3	T. and A. M. 16—Strength of Materials	3
Mil. 3a and 3b, 13a and 13b, 23a and		Mil. 4a and 4b, 14a and 14b, 24a and	
23b, 33a and 33b, or 53a and 53b—		24b, 34a and 34b, or 54a and 54b—	
Military Drill and Theory .....	1	Military Drill and Theory .....	1
<i>Total</i> .....	18	<i>Total</i> .....	18

## THIRD YEAR

Arch. 15—History of Architecture ..	2	Arch. 16—History of Architecture ..	2
Arch. 25—Freehand Drawing .....	2	Arch. 26—Freehand Drawing .....	2
Arch. 35—Design .....	5	Arch. 36—Design .....	5
Arch. 45—Graphic Statics .....	3	Arch. 46—Roofs .....	3
Arch. 65—Theory of Architecture ..	1	Arch. 55—Building Sanitation .....	1
E. E. 90—Building Illumination .....	1	Arch. 66—Theory of Architecture ..	1
French or German .....	4	French or German .....	4
<i>Total</i> .....	18	<i>Total</i> .....	18

## FOURTH YEAR

Arch. 27—Freehand Drawing .....	2	Arch. 18—History of Architecture ..	2
Arch. 37—Design .....	7	Arch. 28—Freehand Drawing .....	2
Arch. 68—Specifications .....	3	Arch. 38—Advanced Design or Thesis	7
Arch. 99—Inspection Trip .....	0	Arch. 60A—Special Lectures .....	2
M. E. 25—Heating and Ventilation ..	2	Arch. 67—Theory of Form and Color	2
Non-technical Elective .....	3	Non-technical Elective .....	3
<i>Total</i> .....	17	<i>Total</i> .....	18

## CURRICULUM IN ARCHITECTURAL ENGINEERING

## FIRST YEAR

FIRST SEMESTER		SECOND SEMESTER	
	Hours <sup>1</sup>		Hours <sup>1</sup>
Chem. 1a or 1b—Inorganic Chemistry	3 or 4	Chem. 4—Qualitative Analysis .....	4
G. E. D. 1—Elements of Drafting ..	4	G. E. D. 2—Descriptive Geometry ..	4
Math. 2—Advanced Algebra .....	3	Math. 6—Analytic Geometry .....	5
Math. 4—Trigonometry .....	2	Rhet. 2—Rhetoric and Themes .....	3
Rhet. 1—Rhetoric and Themes .....	3	Phys. Ed. 2—Gymnasium Practice ..	1
Phys. Ed. 1—Gymnasium Practice ..	1½	Mil. 2a and 2b, 12a and 12b, 22a and	
Hyg. 1—Hygiene (Men) .....	1½	22b, 32a and 32b, or 52a and 52b—	
Mil. 1a and 1b, 11a and 11b, 21a and		Military Drill and Theory .....	1
21b, 31a and 31b, or 51a and 51b—		Eng. Lecture .....	0
Military Drill and Theory .....	1	<i>Total</i> .....	18
Eng. Lecture .....	0		
<i>Total</i> .....	17-18		

<sup>1</sup>Semester hours. For definition, see page 223.



## SECOND YEAR

Arch. 13—History of Architecture ..	2	Arch. 14—History of Architecture ..	2
A. E. 33—Arch. and Freehand Drawing .....	3	A. E. 34—Design .....	3
A. E. 43—Technology of Materials ..	2	A. E. 44—Technology of Materials ..	2
Math. 7—Differential Calculus .....	5	Math. 9—Integral Calculus .....	3
Phys. 1a—Physics Lectures .....	3	Phys. 1b—Physics Lectures .....	2
Phys. 3a—Physics Laboratory .....	2	Phys. 3b—Physics Laboratory .....	2
Mil. 3a and 3b, 13a and 13b, 23a and 23b, 33a and 33b, or 53a and 53b—Military Drill and Theory .....	1	T. and A. M. 20—Analytical Mechanics .....	3
<i>Total</i> .....	18	Mil. 4a and 4b, 14a and 14b, 24a and 24b, 34a and 34b, or 54a and 54b—Military Drill and Theory .....	1
		<i>Total</i> .....	18

## THIRD YEAR

Arch. 15—History of Architecture...	2	Arch. 16—History of Architecture ..	2
A. E. 35—Design .....	3	A. E. 36—Design .....	3
A. E. 45—Graphic Statics .....	3	A. E. 46—Graphic Statics .....	3
Language <sup>1</sup> .....	4	Language <sup>1</sup> .....	4
T. and A. M. 25—Resistance of Metals .....	4	T. and A. M. 26—Analytical Mechanics and Hydraulics .....	4
Non-technical Elective <sup>2</sup> .....	2	Non-technical Elective <sup>2</sup> .....	2
<i>Total</i> .....	18	<i>Total</i> .....	18

## FOURTH YEAR

A. E. 47—Architectural Engineering.	5	A. E. 48—Architectural Engineering.	5
A. E. 57—Fireproof Construction ..	2	A. E. 58—Fireproof Construction ..	2
A. E. 99—Inspection Trip .....	0	A. E. 67—Building Sanitation .....	2
E. E. 92—Lighting and Wiring .....	2	A. E. 68—Estimates and Specifications .....	4
M. E. 23—Mechanical Equipment of Buildings .....	5	Approved Technical Elective .....	5
Non-technical Elective <sup>3</sup> .....	2	<i>Total</i> .....	18
<i>Total</i> .....	16		

## CURRICULUM IN CERAMICS

This curriculum is designed for the training of ceramic chemists.

## FIRST YEAR

FIRST SEMESTER		SECOND SEMESTER	
	Hours <sup>3</sup>		Hours <sup>3</sup>
Chem. 1a or 1b—Inorganic Chemistry	3 or 4	Chem. 3a—Qualitative Analysis.....	5
Math. 2—College Algebra .....	3	Math. 6a—Analytical Geometry .....	4
Math. 4—Trigonometry .....	2	German or French .....	4
German or French .....	4	Rhet. 2—Rhetoric and Themes .....	3
Rhet. 1—Rhetoric and Themes .....	3	Phys. Ed. 2—Gymnasium Practice ..	1
Phys. Ed. 1—Gymnasium Practice ..	$\frac{1}{2}$	Mil. 2a and 2b, 12a and 12b, 22a and 22b, 32a and 32b, or 52a and 52b—Military Drill and Theory .....	1
Hyg. 1—Hygiene (Men) .....	$\frac{1}{2}$	Eng. Lecture .....	0
Mil. 1a and 1b, 11a and 11b, 21a and 21b, 31a and 31b, or 51a and 51b—Military Drill and Theory .....	1	<i>Total</i> .....	18
Eng. Lecture .....	0		
<i>Total</i> .....	17 or 18		

<sup>1</sup>French, German, Spanish, or English.

<sup>2</sup>Any approved non-technical course. See page 125.

<sup>3</sup>Semester hours. For definition, see page 223.

## SECOND YEAR

Chem. 5a—Quantitative Analysis . . .	5	Chem. 5b—Quantitative Analysis . . .	5
Math. 8a—Differential Calculus . . .	3	Math. 8b—Integral Calculus . . . . .	3
Phys. 1a—Physics Lectures . . . . .	3	Phys. 1b—Physics Lectures . . . . .	2
Phys. 3a—Physics Laboratory . . . . .	2	Phys. 3b—Physics Laboratory . . . . .	2
Cer. 1—Ceramic Materials . . . . .	3	Cer. 2—Winning and Preparation of Clays (or Elective <sup>1</sup> ) . . . . .	3
Mil. 3a and 3b, 13a and 13b, 23a and 23b, 33a and 33b, or 53a and 53b— Military Drill and Theory . . . . .	1	Mil. 4a and 4b, 14a and 14b, 24a and 24b, 34a and 34b, or 54a and 54b— Military Drill and Theory . . . . .	1
<i>Total</i> . . . . .	17	Elective <sup>1</sup> . . . . .	3
		<i>Total</i> . . . . .	19

## THIRD YEAR

Cer. 12—Designing and Shaping . . .	3	Cer. 3—Industrial Calculations . . . .	3
Chem. 65—Gas and Fuel Analysis . .	2	Cer. 5—Ceramic Bodies . . . . .	5
Geol. 20—General Mineralogy . . . .	3	Chem. 9—Organic Chemistry . . . . .	3
Chem. 7—Metallurgy . . . . .	3	Chem. 9c—Organic Chemistry Lab. .	2
E. E. 8—Electric Currents (or Elec- tive <sup>1</sup> ) . . . . .	3	Chem. 31—Physical Chemistry . . . .	3
E. E. 68—Electrical Engr. Lab. (or Elective <sup>1</sup> ) . . . . .	1	Chem. 33—Physical Chemistry Lab. .	2
Elective <sup>1</sup> . . . . .	3	<i>Total</i> . . . . .	18
<i>Total</i> . . . . .	18		

## FOURTH YEAR

Cer. 4c—Drying and Burning . . . . .	5	Chem. 6—Chemical Technology . . . .	3
Cer. 6—Glazes . . . . .	6	Chem. 61—Industrial Chemistry Lab. .	3
Cer. 17a—Selected Ceramic Problems .	1	Thesis . . . . .	4 or 5
Cer. 99—Inspection Trip . . . . .	0	Elective <sup>1</sup> . . . . .	6 or 5
Elective <sup>1</sup> . . . . .	6	<i>Total</i> . . . . .	16
<i>Total</i> . . . . .	18		

## CURRICULUM IN CERAMIC ENGINEERING

## FIRST YEAR

For the first years work, see Curriculum in Architectural Engineering.

## SECOND YEAR

FIRST SEMESTER		SECOND SEMESTER	
	Hours <sup>2</sup>		Hours <sup>2</sup>
Cer. 1—Ceramic Materials . . . . .	3	Cer. 2—Winning and Preparation of Clays . . . . .	3
Chem. 5a—Quantitative Analysis . . .	5	Chem. 5b—Quantitative Analysis . . .	5
Math. 7—Differential Calculus . . . .	5	Math. 9—Integral Calculus . . . . .	3
Phys. 1a—Physics Lectures . . . . .	3	Phys. 1b—Physics Lectures . . . . .	2
Phys. 3a—Physics Laboratory . . . . .	2	Phys. 3b—Physics Laboratory . . . . .	2
Mil. 3a and 3b, 13a and 13b, 23a and 23b, 33a and 33b, or 53a and 53b— Military Drill and Theory . . . . .	1	T. and A. M. 20—Analytical Mech- anics . . . . .	3
<i>Total</i> . . . . .	19	Mil. 4a and 4b, 14a and 14b, 24a and 24b, 34a and 34b, or 54a and 54b— Military Drill and Theory . . . . .	1
		<i>Total</i> . . . . .	19

<sup>1</sup>At least 6 hours of these electives must be in non-technical courses. See page 125.

<sup>2</sup>Semester hours. For definition, see page 223.

## THIRD YEAR

Cer. 12—Designing and Shaping . . . . .	3	Cer. 3—Industrial Calculations . . . . .	3
Chem. 65—Gas and Fuel Analysis . . . . .	2	Cer. 5—Ceramic Bodies . . . . .	5
French or German . . . . .	4	C. E. 36—Surveying . . . . .	2
T. and A. M. 21—Analytical Mechanics . . . . .	2	French or German . . . . .	4
T. and A. M. 25—Resistance of Materials . . . . .	4	Elective <sup>1</sup> . . . . .	3
Elective <sup>1</sup> . . . . .	3		
<i>Total</i> . . . . .	18	<i>Total</i> . . . . .	17

## FOURTH YEAR

Cer. 4c—Drying and Burning . . . . .	5	Cer. 9—Ceramic Construction . . . . .	4
Cer. 6—Glazes . . . . .	6	M. E. 62—Power Measurement . . . . .	3
Cer. 17a—Selected Ceramic Problems . . . . .	1	Thesis or (with the approval of the Department) Technical Elective . . . . .	3-5
Chem. 31—Physical Chemistry . . . . .	3	Elective <sup>1</sup> . . . . .	5-3
Cer. 99—Inspection Trip . . . . .	0		
Elective <sup>1</sup> . . . . .	3	<i>Total</i> . . . . .	15
<i>Total</i> . . . . .	18		

## CURRICULUM IN CIVIL ENGINEERING

## FIRST YEAR

For the first year's work, see Curriculum in Architectural Engineering.

## SECOND YEAR

FIRST SEMESTER		SECOND SEMESTER	
	Hours <sup>2</sup>		Hours <sup>2</sup>
C. E. 27—Plane Surveying . . . . .	3	C. E. 8—Topographic Surveying . . . . .	3
Language <sup>3</sup> . . . . .	4	Language <sup>3</sup> . . . . .	4
Math. 7—Differential Calculus . . . . .	5	Math. 9—Integral Calculus . . . . .	3
Phys. 1a—Physics Lectures . . . . .	3	Phys. 1b—Physics Lectures . . . . .	2
Phys. 3a—Physics Laboratory . . . . .	2	Phys. 3b—Physics Laboratory . . . . .	2
Mil. 3a and 3b, 13a and 13b, 23a and 23b, 33a and 33b, or 53a and 53b—		T. and A. M. 20—Analytical Mechanics . . . . .	3
Military Drill and Theory . . . . .	1	Mil. 4a and 4b, 14a and 14b, 24a and 24b, 34a and 34b, or 54a and 54b—	
<i>Total</i> . . . . .	18	Military Drill and Theory . . . . .	1
		<i>Total</i> . . . . .	18

## THIRD YEAR

C. E. 51—Railroad Surveying . . . . .	5	C. E. 54—Roads and Pavements . . . . .	4
M. E. 1—Steam Engines and Boilers . . . . .	3	C. E. 60—Structural Stresses . . . . .	4
T. and A. M. 21—Analytical Mechanics . . . . .	2	C. E. 62—Structural Details . . . . .	2
T. and A. M. 29—Resistance of Materials . . . . .	5	C. E. 70—Seminar . . . . .	1
Non-technical Elective <sup>4</sup> . . . . .	3	T. and A. M. 10—Hydraulics . . . . .	3
		Non-technical Elective <sup>4</sup> . . . . .	3
<i>Total</i> . . . . .	18	<i>Total</i> . . . . .	17

<sup>1</sup>At least 6 hours of these electives must be in approved non-technical courses. See page 125.

<sup>2</sup>Semester hours. For definition, see page 223.

<sup>3</sup>French, German, Spanish, or English.

<sup>4</sup>Any approved non-technical course. See page 125.

## FOURTH YEAR

The student must elect one of the three options:

*I. General Option<sup>1</sup>*

C. E. 57—Hydrology .....	2	C. E. 78—Drainage Engineering ....	3
C. E. 75—Masonry Construction ....	3	C. E. 80—Contracts and Specifica- tions .....	2
C. E. 81—Theory of Reinforced Con- crete .....	2	C. E. 82—Reinforced Concrete Design	4
C. E. 85—Bridge Design .....	5	C. E. 84—Valuations and Rates ....	2
C. E. 95—Plain Concrete .....	2	M. and S. E. 3—Sewerage .....	3
C. E. 99—Inspection Trip .....	0	Technical Elective <sup>2</sup> .....	3
M. and S. E. 2—Water Supply Engi- neering .....	4	<i>Total</i> .....	17
<i>Total</i> .....	18		

*II. Structural Option<sup>1</sup>*

C. E. 81—Theory of Reinforced Con- crete .....	2	C. E. 80—Contracts and Specifica- tions .....	2
C. E. 84—Valuations and Rates ....	2	C. E. 75—Masonry Construction ...	3
C. E. 95—Plain Concrete .....	2	C. E. 82—Reinforced Concrete Design	4
C. E. 85—Bridge Design .....	5	C. E. 92—Structural Seminar .....	2
C. E. 91—Advanced Bridge Analysis	3	E. E. 4 and 64—Electric Engineering	3
C. E. 99—Inspection Trip .....	0	M. and S. E. 3—Sewerage .....	3
M. and S. E. 2—Water Supply Engi- neering .....	4	<i>Total</i> .....	17
<i>Total</i> .....	18		

*III. Highway Option<sup>1</sup>*

C. E. 57—Hydrology .....	2	C. E. 80—Contracts and Specifica- tions .....	2
C. E. 81—Theory of Reinforced Con- crete .....	2	C. E. 82—Reinforced Concrete Design	4
C. E. 85—Bridge Design .....	5	C. E. 94—Highway Administration ..	3
C. E. 93—Highway Design .....	3	C. E. 96—Road Materials .....	2
C. E. 95—Plain Concrete .....	2	M. and S. E. 3—Sewerage .....	3
C. E. 99—Inspection Trip .....	0	C. E. 75—Masonry Construction ...	3
M. and S. E. 2—Water Supply Engi- neering .....	4	<i>Total</i> .....	17
<i>Total</i> .....	18		

## CURRICULUM IN ELECTRICAL ENGINEERING

## FIRST YEAR

For the first year's work, see Curriculum in Architectural Engineering.

## SECOND YEAR

FIRST SEMESTER	Hours <sup>2</sup>	SECOND SEMESTER	Hours <sup>3</sup>
Language <sup>4</sup> .....	4	Language <sup>4</sup> .....	4
Math. 7—Differential Calculus .....	5	Math. 9—Integral Calculus .....	3
M. E. 85—Pattern and Foundry Lab- oratory .....	3	M. E. 86—Pattern and Foundry Lab- oratory .....	3
Phys. 1a—Physics Lectures .....	3	Phys. 1b—Physics Lectures .....	2
Phys. 3a—Physics Laboratory .....	2	Phys. 3b—Physics Laboratory .....	2
Mil. 3a and 3b, 13a and 13b, 23a and 23b, 33a and 33b, 43a and 43b, or 53a and 53b—Military Drill and Theory .....	1	T. and A. M. 20—Analytical Mech- anics .....	3
<i>Total</i> .....	18	Mil. 4a and 4b, 14a and 14b, 24a and 24b, 34a and 34b, 44a and 44b, or 54a and 54b—Military Drill and Theory .....	1
		<i>Total</i> .....	18

<sup>1</sup>C. E. 97-98 (Thesis) may be substituted for a technical subject in any of the three options of the senior year upon approval of the Head of the Department. Only students of high standing are permitted to elect a thesis. Prerequisite: Senior standing in Civil Engineering. I, (1); II, (2 or 3).

<sup>2</sup>Technical Electives: C.E. 30, 97-8, E.E. 4 and 64, R.E. 31,32,33 or 36, T. and A. M. 41, 44.

<sup>3</sup>Semester hours, for definition see page 223.

<sup>4</sup>French, German, Spanish, or English.

## THIRD YEAR

E. E. 25—Direct Current Apparatus. . . . .	4	E. E. 26—Alternating Currents . . . . .	4
E. E. 75—Elec. Eng. Laboratory . . . . .	2	E. E. 76—Elec. Eng. Laboratory . . . . .	2
Math. 9a—Integral Calculus . . . . .	2	M. E. 10—Thermodynamics . . . . .	3
M. E. 87—Machine and Forge Laboratory . . . . .	3	Phys. 44b—Elec. and Mag. Measurement . . . . .	2
Phys. 44a—Elec. and Mag. Measurement . . . . .	3	T. and A. M. 26—Anal. Mechanics and Hydraulics . . . . .	4
T. and A. M. 25—Resistance of Materials . . . . .	4	Non-technical Elective <sup>1</sup> . . . . .	3
<i>Total</i> . . . . .	18	<i>Total</i> . . . . .	18

## FOURTH YEAR

E. E. 99—Inspection Trip . . . . .	0	E. E. 96—Seminar . . . . .	1
E. E. 95—Seminar . . . . .	1	E. E. 36—Alternating Current Apparatus . . . . .	4
E. E. 35—Alternating Current Apparatus . . . . .	4	E. E. 86—Elec. Eng. Laboratory . . . . .	2
E. E. 85—Elec. Eng. Laboratory . . . . .	2	E. E. 56—Electrical Design . . . . .	4
E. E. 55—Electrical Design . . . . .	2	E. E. 98—Thesis <sup>2</sup> or Elective . . . . .	3
M. E. 61—Power Measurement . . . . .	2	Non-technical Elective <sup>1</sup> . . . . .	3
M. E. 3—Steam Engineering . . . . .	3	<i>Total</i> . . . . .	17
Non-technical Elective <sup>1</sup> . . . . .	3		
<i>Total</i> . . . . .	17		

## CURRICULUM IN GAS ENGINEERING

The curriculum in gas engineering combines many of the items of the course in Chemical Engineering and a number of the more distinctly engineering subjects from Mechanical, Electrical, and Mining Engineering. It is intended to fit men for operating positions about a gas or coke plant rather than for positions in the laboratory where the work is more distinctly of a chemical nature. The degree of Bachelor of Science is given on completion of the curriculum.

## FIRST YEAR

FIRST SEMESTER		SECOND SEMESTER	
	Hours <sup>3</sup>		Hours <sup>3</sup>
Chem. 1a or 1b—General Chemistry . . . . .	3 or 4	Chem. 3a—Inorganic and Qualitative . . . . .	5
Math. 2—College Algebra . . . . .	3	Math. 6a—Analytic Geometry . . . . .	4
Math. 4—Trigonometry . . . . .	2	German 6—Advanced . . . . .	4
G. E. D. 1 . . . . .	4	Rhet. 2—Rhetoric and Themes . . . . .	3
Rhet. 1—Rhetoric and Themes . . . . .	3	Phys. Ed. 2—Gymnasium Practice . . . . .	1
Phys. Ed. 1—Gymnasium Practice . . . . .	1½	Mil. 2a and 2b, 12a and 12b, 22a and 22b, 32a and 32b, 42a and 42b, or 52a and 52b—Military Drill and Theory . . . . .	1
Hyg. 1—Hygiene (Men) . . . . .	1½	Eng. Lecture . . . . .	0
Mil. 1a and 1b, 11a and 11b, 21a and 21b, 31a and 31b, 41a and 41b, or 51a and 51b—Military Drill and Theory . . . . .	1	<i>Total</i> . . . . .	18
Eng. Lecture . . . . .	0		
<i>Total</i> . . . . .	17 or 18		

<sup>1</sup>Any approved non-technical course. See page 125.<sup>2</sup>Only high grade students are allowed to take a thesis course.<sup>3</sup>Semester hours. For definition, see page 223.

## SECOND YEAR

Chem. 5a—Quantitative .....	5
Math. 8a—Differential Calculus ....	3
Phys. 1a—General Physics .....	3
Phys. 3a—Physical Measurements ..	2
Ger. 4—Prose Reading .....	4
Mil. 3a and 3b, 13a and 13b, 23a and 23b, 33a and 33b, 43a and 43b, or 53a and 53b—Military Drill and Theory .....	1
<b>Total</b> .....	<b>18</b>

Math. 8b—Integral Calculus .....	3
Phys. 1b—General Physics .....	2
Phys. 3b—Physical Measurements ..	2
Chem. 9—Organic .....	3
Chem. 9c—Organic Laboratory .....	2
T. and A. M. 20—Analytical Mechanics .....	3
Mil. 4a and 4b, 14a and 14b, 24a and 24b, 34a and 34b, 44a and 44b, or 54a and 54b—Military Drill and Theory .....	1

**Total** ..... 16

## THIRD YEAR

T. and A. M. 25—Resistance of Materials .....	4
E. E. 8—Electric Currents and Apparatus .....	3
E. E. 68—Elec. Eng. Laboratory ...	1
M. E. 1—Steam and Air Machinery .	3
M. E. 13—Thermodynamics .....	3
Chem. 7—Metallurgy .....	3
Chem. 14d—Organic Chemistry Laboratory .....	2
<b>Total</b> .....	<b>19</b>

T. and A. M. 26—Analytical Mechanics and Hydraulics .....	4
Chem. 31—Physical Chemistry .....	3
Chem. 33—Physical Chemistry Laboratory .....	2
M. E. 15—Heat Engineering .....	3
Chem. 65b—Gas Analysis .....	3
Phys. 16—Heat Phenomena .....	3
Phys. 36—Heat Measurements .....	1

**Total** ..... 19

## FOURTH YEAR

Special—Gas Engineering <sup>1</sup> .....	6
Min. 9—Coal Preparation .....	3
Chem. 77—Classification and Theory of Carbonization .....	2
M. E. 61—Power Measurement ....	2
Non-technical Elective <sup>2</sup> .....	3
Inspection Trip .....	0
<b>Total</b> .....	<b>16</b>

Special—Gas Engineering <sup>1</sup> .....	7
Cer. 20—Refractory Materials .....	2
Min. 64—Coal Mining Laboratory ..	3
Chem. 76—Tars and Oils .....	3
Non-technical Elective <sup>2</sup> .....	3

**Total** ..... 18

## CURRICULUM IN GENERAL ENGINEERING

The curriculum in general engineering is intended for students who do not wish to pursue the more specialized engineering curricula, but who, however, wish to secure fundamental training in engineering principles. Its object is to fit men for executive or administrative positions in large organizations where questions of organization, production, and distribution may be considered the chief functions of the executive. This curriculum furnishes an excellent foundation for work with the technical press, or sales work in foreign countries. It also forms an excellent basis for work in engineering organizations of insurance, banking, and similar companies. The degree of Bachelor of Science in General Engineering is awarded on its completion.

## FIRST YEAR

For the first year's work, see Curriculum in Architectural Engineering.

<sup>1</sup>The time allotted to special Gas Engineering in the Senior year will be divided among such subjects as the Design of Gas Plants and the Manufacture, Distribution, Utilization, and Economics of Gas.

<sup>2</sup>Any approved non-technical course. See page 125.

FIRST SEMESTER		SECOND YEAR	
	Hours <sup>1</sup>		Hours <sup>1</sup>
Econ. 1—Principles of Economics . . .	5	Econ. 3—Money, Credit, and Banking . . .	3
Math. 7—Differential Calculus . . . .	5	Math. 9—Integral Calculus . . . . .	3
M. E. 85—Pattern and Foundry Laboratory . . . . .	3	C. E. 34—Plane and Topographic Surveying . . . . .	3
Phys. 1a—Physics Lectures . . . . .	3	Phys. 1b—Physics Lectures . . . . .	2
Phys. 3a—Physics Laboratory . . . . .	2	Phys. 3b—Physics Laboratory . . . . .	2
Mil. 3a and 3b, 13a and 13b, 23a and 23b, 33a and 33b, or 53a and 53b—Military Drill and Theory . . . . .	1	T. and A. M. 20—Analytical Mechanics . . . . .	3
<i>Total</i> . . . . .	19	Mil. 4a and 4b, 14a and 14b, 24a and 24b, 34a and 34b, or 54a and 54b—Military Drill and Theory . . . . .	1
		<i>Total</i> . . . . .	17
THIRD YEAR		FOURTH YEAR	
	Hours <sup>1</sup>		Hours <sup>1</sup>
Econ. 35—Corporations . . . . .	3	Bus. Law 3—Contracts, etc. . . . .	3
E. E. 11—Direct Current Apparatus . .	3	E. E. 12—Alternating Current Apparatus . . . . .	3
E. E. 61—Direct Current Laboratory Language <sup>2</sup> or Approved Elective <sup>3</sup> . . .	4	E. E. 62—Alternating Current Laboratory . . . . .	1
M. E. 87—Machine and Forge Laboratory . . . . .	3	Language <sup>2</sup> or Approved Elective <sup>3</sup> . .	4
T. and A. M. 25—Resistance of Materials . . . . .	4	M. E. 10—Thermodynamics . . . . .	3
<i>Total</i> . . . . .	18	T. and A. M. 26—Analytical Mechanics and Hydraulics . . . . .	4
		<i>Total</i> . . . . .	18
Chem. 7—Metallurgy of Iron and Steel . . . . .	3	Math. 23—Averages and Mathematics in Investments or	
Econ. 41—Labor Problems or		Geol. 43—Engineering Geology . . . .	3
Econ. 29—Foreign Commerce and Commercial Policies . . . . .	3	Econ. 42—Labor Organizations and Employers Associations or	
Language <sup>2</sup> or Approved Elective <sup>3</sup> . . .	4	Econ. 43—Personnel Administration . .	3
M. E. 3—Steam Engineering . . . . .	3	M. E. 64—Power Measurement . . . .	3
C. E. 88—Stresses in Structures . . . .	4	Language <sup>2</sup> or Approved Elective <sup>3</sup> . . .	4
C. E. 99—Inspection Trip . . . . .	0	C. E. 90—Structural Design . . . . .	4
<i>Total</i> . . . . .	17	<i>Total</i> . . . . .	17

## CURRICULUM IN MECHANICAL ENGINEERING

## FIRST YEAR

For the first year's work, see Curriculum in Architectural Engineering.

## SECOND YEAR

FIRST SEMESTER		SECOND SEMESTER	
	Hours <sup>1</sup>		Hours <sup>1</sup>
Language <sup>4</sup> . . . . .	4	Language <sup>4</sup> . . . . .	4
Math. 7—Differential Calculus . . . .	5	Math. 9—Integral Calculus . . . . .	3
M. E. 85—Pattern and Foundry Laboratory . . . . .	3	M. E. 86—Pattern and Foundry Laboratory . . . . .	3
Phys. 1a—Physics Lectures . . . . .	3	Phys. 1b—Physics Lectures . . . . .	2
Phys. 3a—Physics Laboratory . . . . .	2	Phys. 3b—Physics Laboratory . . . . .	2
Mil. 3a and 3b, 13a and 13b, 23a and 23b, 33a and 33b, or 53a and 53b—Military Drill and Theory . . . . .	1	T. and A. M. 20—Analytical Mechanics . . . . .	3
<i>Total</i> . . . . .	18	Mil. 4a and 4b, 14a and 14b, 24a and 24b, 34a and 34b, or 54a and 54b—Military Drill and Theory . . . . .	1
		<i>Total</i> . . . . .	18

<sup>1</sup>Semester hours. For definition, see page 223.

<sup>2</sup>French, German, Spanish, or English. If any one of the first three are elected, the full 16 hours required in the curriculum must be completed, subject to the language requirement of the college. See page 125.

<sup>3</sup>Any course of sophomore grade in the College of Engineering, Liberal Arts and Sciences, or Commerce; and Accountancy 1a and 1b.

<sup>4</sup>French, German, Spanish, or English.

## THIRD YEAR

M. E. 13—Thermodynamics . . . . .	3	M. E. 6—Steam Engineering . . . . .	4
M. E. 31—Mechanics of Machinery . . . . .	5	M. E. 16—Thermodynamics . . . . .	2
M. E. 87—Machine and Forge Laboratory . . . . .	3	M. E. 40—Mechanical Engineering Design . . . . .	3
T. and A. M. 21—Analytical Mechanics . . . . .	2	M. E. 64—Steam Power Laboratory . . . . .	3
T. and A. M. 29—Resistance of Materials . . . . .	5	M. E. 88—Machine and Forge Laboratory . . . . .	3
		Non-technical Elective <sup>1</sup> . . . . .	3
<i>Total</i> . . . . .	18	<i>Total</i> . . . . .	18

## FOURTH YEAR

E. E. 11—Direct Current Apparatus . . . . .	3	E. E. 12—A. C. Apparatus . . . . .	3
E. E. 61—Direct Current Lab. . . . .	1	E. E. 62—A. C. Lab. . . . .	1
M. E. 41—M. E. Design . . . . .	4	M. E. 28—Heating and Ventilation . . . . .	4
M. E. 65—Heat and Power Lab. . . . .	3	M. E. 52—Power Plant Design . . . . .	3
M. E. 37—Principles of Management or Non-technical Elective <sup>1</sup> . . . . .	3	M. E. 37—Principles of Management or Non-technical Elective <sup>1</sup> . . . . .	3
Technical Option . . . . .	3	Technical Option . . . . .	3
M. E. 99—Inspection Trip . . . . .	0		
<i>Total</i> . . . . .	17	<i>Total</i> . . . . .	17

## TECHNICAL OPTIONS

M. E. 7—Int. Comb. Engines	M. E. 15—Heat Engineering
M. E. 17—Refrigeration	M. E. 17—Refrigeration
M. E. 33—Aeronautical Engineering	M. E. 34—Aeronautical Engineering
T. A. M. 41—Adv. Mech. of Materials	Chem. 16—Engineering Chemistry
C. E. 77—Structural Engineering	T. and A. M. 42—Engineering Materials

## CURRICULUM IN ENGINEERING PHYSICS

(Leading to the degree of B.S.)

The object of this curriculum is to fit persons for investigations in general engineering problems calling for a knowledge of physics and mathematics. Students who expect to teach physics and allied subjects in engineering schools will also find this curriculum of interest.

## FIRST YEAR

For the first year's work, see Curriculum in Architectural Engineering.

## SECOND YEAR

FIRST SEMESTER	Hours <sup>2</sup>	SECOND SEMESTER	Hours <sup>1</sup>
German 1—Elementary German or French 1a . . . . .	4	Math. 9—Integral Calculus . . . . .	3
Math. 7—Differential Calculus . . . . .	5	German 3—Narrative Prose—or French . . . . .	4
Chem. 5d—Elementary Quantitative Analysis . . . . .	4	Chemistry (Elective) . . . . .	3 or 4
Phys. 1a—Physics Lectures . . . . .	3	Phys. 1b—Physics Lecture . . . . .	2
Phys. 3a—Physics Laboratory . . . . .	2	Phys. 3b—Physics Laboratory . . . . .	2
Mil. 3a and 3b, 13a and 13b, 23a and 23b, 33a and 33b, or 53a and 53b—Military Drill and Theory . . . . .	1	T. and A. M. 20—Analytical Mechanics . . . . .	3
<i>Total</i> . . . . .	19	Mil. 4a and 4b, 14a and 14b, 24a and 24b, 34a and 34b, or 54a and 54b—Military Drill and Theory . . . . .	1
		<i>Total</i> . . . . .	18

<sup>1</sup>Any approved non-technical course. See page 125.<sup>2</sup>Semester hours. For definition, see page 223.



## THIRD YEAR

Math. 9a—Advanced Calculus . . . . .	2	Phys. 44b—Elec. and Mag. Measure- ments . . . . .	2
Phys. 44a—Elec. and Mag. Measure- ments . . . . .	3	Phys. 17 and 37—Light or Phys. 16 and 36—Heat . . . . .	3
Phys. 23 and 33—Sound . . . . .	3	M. E. 62—Power Measurement . . . . .	3
E. E. 25—D. C. Theory . . . . .	4	E. E. 26—Alternating Current Theory . . . . .	4
E. E. 75—D. C. Laboratory . . . . .	2	E. E. 76—Alternating Current Lab- oratory . . . . .	2
T. and A. M. 25—Resistance of Ma- terials . . . . .	4	Electives <sup>1</sup> . . . . .	4
<i>Total</i> . . . . .	18	<i>Total</i> . . . . .	18

## FOURTH YEAR

Phys. 14a—Dynamics or Phys. 45—Radiation . . . . .	3	Math. 17—Differential Equations . . . . .	3
Phys. 31a—Special Investigation . . . . .	3	Phys. 24 and 27—Properties of Matter or Phys. 30—Introduction to Theoretical Electricity . . . . .	3 or 4
Math. 16—Adv. Cal. and Diff. Equa- tions . . . . .	3	Phys. 31b—Thesis <sup>2</sup> . . . . .	3
M. E. 13—Thermodynamics . . . . .	3	Chem. 31—Physical Chemistry . . . . .	3
Physics Colloquium . . . . .	0	Elective <sup>1</sup> . . . . .	4
Elective <sup>1</sup> . . . . .	5	<i>Total</i> . . . . .	16-17
<i>Total</i> . . . . .	17		

## CURRICULUM IN MINING ENGINEERING

## FIRST YEAR

For the first year's work, see Curriculum in Architectural Engineering.

## SECOND YEAR

FIRST SEMESTER		SECOND SEMESTER	
	Hours <sup>3</sup>		Hours <sup>3</sup>
Language <sup>4</sup> . . . . .	4	Geol. 43—Engineering Geology . . . . .	3
Math. 7—Differential Calculus . . . . .	5	Language <sup>4</sup> . . . . .	4
Min. 1—Earth and Rock Excavation . . . . .	3	Math. 9—Integral Calculus . . . . .	3
Phys. 1a—Physics Lectures . . . . .	3	Phys. 1b—Physics Lectures . . . . .	2
Phys. 3a—Physics Laboratory . . . . .	2	Phys. 3b—Physics Laboratory . . . . .	2
Mil. 3a and 3b, 13a and 13b, 23a and 23b, 33a and 33b, or 53a and 53b— Military Drill and Theory . . . . .	1	T. and A. M. 20—Analytical Mech- anics . . . . .	3
<i>Total</i> . . . . .	18	Mil. 4a and 4b, 14a and 14b, 24a and 24b, 34a and 34b, or 54a and 54b— Military Drill and Theory . . . . .	1
		<i>Total</i> . . . . .	18

## THIRD YEAR

## Coal and Ore Option

Chem. 5a—Quantitative Analysis . . . . .	5	C. E. 58—Graphic Statics . . . . .	2
Geol. 20—Mineralogy . . . . .	3	M. E. 62—Power Measurements and Steam Engines . . . . .	3
Min. 10—Elec. Engineering of Mines . . . . .	3	Min. 4—Mining Methods . . . . .	3
Min. 61—Elementary Mine Survey- ing . . . . .	3	Min. 62—Mine Surveying . . . . .	3
T. and A. M. 25—Resistance of Ma- terials . . . . .	4	T. and A. M. 26—Analytical Mech- anics and Hydraulics . . . . .	4
<i>Total</i> . . . . .	18	Non-technical Elective . . . . .	3
		<i>Total</i> . . . . .	18

<sup>1</sup>At least 6 hours must be approved non-technical electives.

<sup>2</sup>Only students of a high grade may elect a thesis course.

<sup>3</sup>Semester hours. For definition, see page 223.

<sup>4</sup>French, German, Spanish, or English.

*Metallurgical Option*

Chem. 5a—Quantitative Analysis . . .	5	Chem. 5b—Quantitative Analysis . . .	5
Chem. 7—Metallurgy . . . . .	3	C. E. 58—Graphic Statics . . . . .	2
Geol. 20—Mineralogy . . . . .	3	M. E. 62—Power Measurements and Steam Engines . . . . .	3
Min. 61—Elementary Mine Survey- ing . . . . .	3	Min. 14—Non-Ferrous Ore Treat- ment . . . . .	3
T. and A. M. 25—Resistance of Ma- terials . . . . .	4	T. and A. M. 26—Analytical Mech- anics and Hydraulics . . . . .	4
<i>Total</i> . . . . .	18	<i>Total</i> . . . . .	17

## FOURTH YEAR

*Coal Mining Option*

Chem. 7—Metallurgy . . . . .	3	Min. 6—Mechanical Engineering of Mines . . . . .	3
Chem. 65—Technical Gas and Fuel Analysis . . . . .	2	Min. 13—Utilization of Fuels . . . . .	2
Min. 8—Non-technical Mining Prac- tices . . . . .	3	Min. 15a—Mine Ventilation . . . . .	2
Min. 9—Coal and Ore Preparation . .	3	Min. 21a—Examination, Valuation, and Reports . . . . .	3
Min. 17—Mining Problems . . . . .	1	Min. 42—Mine and Metallurgical De- sign . . . . .	2
Min. 41—Principles of Mine and Metallurgical Design . . . . .	3	Min. 64—Coal and Ore Preparation Laboratory . . . . .	3
Min. 99—Inspection Trip . . . . .	0	Min. 90—Mining and Metallurgical Reports . . . . .	1
Non-technical Elective . . . . .	3	<i>Total</i> . . . . .	16
<i>Total</i> . . . . .	18		

*Ore Mining Option*

Chem. 7—Metallurgy . . . . .	3	Geol. 96—Economic Geology (Ore Deposits) . . . . .	3
Chem. 69—Metallurgical Laboratory and Assaying . . . . .	2	Min. 6—Mechanical Engineering of Mines . . . . .	3
Min. 8—Non-technical Mining Prac- tices . . . . .	3	Min. 15a—Mine Ventilation . . . . .	2
Min. 9—Coal and Ore Preparation . .	3	Min. 21a—Examination, Valuation, and Reports . . . . .	3
Min. 41—Principles of Mine and Metallurgical Design . . . . .	3	Min. 42—Mine and Metallurgical Design . . . . .	2
Min. 99—Inspection Trip . . . . .	0	Min. 64—Coal and Ore Preparation Laboratory . . . . .	3
Non-technical Elective <sup>1</sup> . . . . .	3	Min. 90—Mining and Metallurgical Reports . . . . .	1
<i>Total</i> . . . . .	17	<i>Total</i> . . . . .	17

*Metallurgical Option*

Chem. 65—Technical Gas and Fuel Analysis . . . . .	2	Chem. 78—Metallography . . . . .	2
Chem. 69—Metallurgical Laboratory and Assaying . . . . .	2	Min. 13—Utilization of Fuels . . . . .	2
Min. 8—Non-technical Mining Prac- tices . . . . .	3	Min. 17b—Metallurgical Problems . .	3
Min. 9—Coal and Ore Preparation . .	3	Min. 42—Mine and Metallurgical Design . . . . .	2
Min. 10—Electrical Engineering of Mines . . . . .	3	Min. 64—Coal and Ore Preparation Laboratory . . . . .	3
Min. 41—Principles of Mine and Metallurgical Design . . . . .	3	Min. 90—Mining and Metallurgical Reports . . . . .	1
Min. 99—Inspection Trip . . . . .	0	Non-technical Elective <sup>1</sup> . . . . .	3
Non-technical Elective <sup>1</sup> . . . . .	3	<i>Total</i> . . . . .	16
<i>Total</i> . . . . .	19		

<sup>1</sup>Any approved non-technical course. See page 125.

## CURRICULUM IN MUNICIPAL AND SANITARY ENGINEERING

## FIRST YEAR

For the first year's work, see Curriculum in Architectural Engineering.

## SECOND YEAR

FIRST SEMESTER		SECOND SEMESTER	
	Hours <sup>1</sup>		Hours <sup>1</sup>
C. E. 27—Plane Surveying .....	3	C. E. 28—Higher Surveying .....	3
Language <sup>2</sup> .....	4	Language <sup>2</sup> .....	4
Math. 7—Differential Calculus .....	5	Math. 9—Integral Calculus .....	3
Phys. 1a—Physics Lectures .....	3	Phys. 1b—Physics Lectures .....	2
Phys. 3a—Physics Laboratory .....	2	Phys. 3b—Physics Laboratory .....	2
Mil. 3a and 3b, 13a and 13b, 23a and 23b, 33a and 33b, or 53a and 53b—Military Drill and Theory .....	1	T. and A. M. 20—Analytical Mechanics .....	3
		Mil. 4a and 4b, 14a and 14b, 24a and 24b, 34a and 34b, or 54a and 54b—Military Drill and Theory .....	1
<i>Total</i> .....	18	<i>Total</i> .....	18

## THIRD YEAR

Bact. 6—Bacteriology .....	2½	C. E. 52—Roads and Pavements .....	3
Chem. 10b—Water Analysis .....	2½	C. E. 60—Structural Stresses .....	4
C. E. 53—Railroad Surveying .....	3	C. E. 62—Structural Details .....	2
T. and A. M. 21—Analytical Mechanics .....	2	M. E. 2—Steam Engineering .....	3
T. and A. M. 29—Resistance of Materials .....	2	T. and A. M. 10—Hydraulics .....	3
Non-technical Elective <sup>3</sup> .....	2	Non-technical Elective <sup>3</sup> .....	3
<i>Total</i> .....	17	<i>Total</i> .....	18

## FOURTH YEAR

C. E. 75—Masonry Construction .....	3	C. E. 80—Contracts and Specification .....	2
C. E. 95—Plain Concrete .....	2	E. E. 4—Elementary Electrical Engineering .....	2
C. E. 81—Reinforced Concrete .....	2	E. E. 64—Electrical Engineering Laboratory .....	1
M. E. 61—Power Measurement .....	2	M. and S. E. 3—Sewerage .....	3
M. and S. E. 2—Water Supply Engineering .....	4	M. and S. E. 6b—Water Purification and Sewage Disposal .....	2
M. and S. E. 6a—Water Purification and Sewage Disposal .....	3	M. and S. E. 9—Hydraulic Design and Construction .....	2
M. and S. E. 99—Inspection Trip .....	0	M. and S. E. 98—Thesis or Approved Elective .....	3
Non-technical Elective <sup>3</sup> .....	2	Non-technical Elective <sup>3</sup> .....	2
<i>Total</i> .....	18	<i>Total</i> .....	17

<sup>1</sup>Semester hours. For definition, see page 223.

<sup>2</sup>French, German, Spanish, or English.

<sup>3</sup>Any approved non-technical course. See page 125.

## CURRICULUM IN RAILWAY CIVIL ENGINEERING

## FIRST YEAR

For the first year's work, see Curriculum in Architectural Engineering.

## SECOND YEAR

## FIRST SEMESTER

	Hours <sup>1</sup>
C. E. 27—Elementary Surveying . . .	3
Language <sup>2</sup> . . . . .	4
Math. 7—Differential Calculus . . . .	5
Phys. 1a—Physics Lectures . . . . .	3
Phys. 3a—Physics Laboratory . . . .	2
Mil. 3a and 3b, 13a and 13b, 23a and 23b, 33a and 33b, or 53a and 53b— Military Drill and Theory . . . . .	1
<i>Total</i> . . . . .	18

## SECOND SEMESTER

	Hours <sup>1</sup>
C. E. 28—Topographic Surveying . .	3
Language <sup>2</sup> . . . . .	4
Math. 9—Integral Calculus . . . . .	3
Phys. 1b—Physics Lectures . . . . .	2
Phys. 3b—Physics Laboratory . . . .	2
T. and A. M. 20—Analytical Mechanics . . . . .	3
Mil. 4a and 4b, 14a and 14b, 24a and 24b, 34a and 34b, or 54a and 54b— Military Drill and Theory . . . . .	1
<i>Total</i> . . . . .	18

## THIRD YEAR

C. E. 51—Railroad Surveying . . . . .	5
M. E. 1—Steam and Air Machinery . .	3
R. E. 25—Railway Development . . .	3
T. and A. M. 21—Analytical Mechanics . . . . .	2
T. and A. M. 29—Resistance of Materials . . . . .	5
<i>Total</i> . . . . .	18

C. E. 60—Structural Stresses . . . . .	4
C. E. 62—Structural Details . . . . .	2
R. E. 32—Railway Construction . . .	3
R. E. 36—Railway Maintenance . . .	3
T. and A. M. 10—Hydraulics . . . . .	3
Non-technical Elective <sup>3</sup> . . . . .	3
<i>Total</i> . . . . .	18

## FOURTH YEAR

C. E. 73—Bridge Design . . . . .	4
C. E. 75—Masonry Construction . . .	3
C. E. 81—Reinforced Concrete Theory .	2
C. E. 95—Plain Concrete . . . . .	2
R. E. 31—Ry. Yards and Terminals . .	3
R. E. 35—Railway Signaling . . . . .	1
R. E. 37—Railway Maintenance . . .	2
R. E. 99—Inspection Trip . . . . .	0
<i>Total</i> . . . . .	17

C. E. 80—Contracts and Specifications .	2
E. E. 4—Elem. Electrical Eng. . . . .	2
E. E. 64—Elec. Engineering Laboratory . . . . .	1
R. E. 33—Railway Location . . . . .	4
R. E. 51—Seminar . . . . .	1
R. E. 98—Thesis (or technical elective) . . . . .	3
Non-technical Elective <sup>3</sup> . . . . .	4
<i>Total</i> . . . . .	17

<sup>1</sup>Semester hours. For definition, see page 223.

<sup>2</sup>French, German, Spanish, or English.

<sup>3</sup>Any approved non-technical course. See page 125.

## CURRICULUM IN RAILWAY ELECTRICAL ENGINEERING

## FIRST YEAR

For the first year's work, see Curriculum in Architectural Engineering.

## SECOND YEAR

FIRST SEMESTER		SECOND SEMESTER	
	Hours <sup>1</sup>		Hours <sup>1</sup>
Language <sup>2</sup> .....	4	Language <sup>2</sup> .....	4
Math. 7—Differential Calculus .....	5	Math. 9—Integral Calculus .....	3
M. E. 85—Pattern and Foundry Laboratory .....	3	M. E. 86—Pattern and Foundry Laboratory .....	3
Phys. 1a—Physics Lectures .....	3	Phys. 1b—Physics Lectures .....	2
Phys. 3a—Physics Laboratory .....	2	Phys. 3b—Physics Laboratory .....	2
Mil. 3a and 3b, 13a and 13b, 23a and 23b, 33a and 33b, or 53a and 53b—Military Drill and Theory .....	1	T. and A. M. 20—Analytical Mechanics .....	3
<i>Total</i> .....	18	Mil. 4a and 4b, 14a and 14b, 24a and 24b, 34a and 34b, or 54a and 54b—Military Drill and Theory .....	1
		<i>Total</i> .....	18

## THIRD YEAR

E. E. 25—Direct Current Apparatus. ....	4	Econ. 2—Principles of Economics ...	3
E. E. 75—Electrical Laboratory ....	2	E. E. 26—Alternating Currents ....	4
Phys. 44a—Elec. and Mag. Measurement .....	3	E. E. 76—Electrical Laboratory ....	2
R. E. 25—Railway Development ...	3	M. E. 10—Thermodynamics .....	3
R. E. 59—Electric Railway Principles	2	Phys. 44b—Elec. and Mag. Measurement .....	2
T. and A. M. 25—Resistance of Materials .....	4	R. E. 60—Electric Railway Principles	2
<i>Total</i> .....	18	T. and A. M. 36—Analytical Mechanics .....	2
		<i>Total</i> .....	18

## FOURTH YEAR

M. E. 3—Steam Engineering .....	3	C. E. 80—Contracts and Specifications	2
M. E. 61—Mechanical Laboratory ..	2	E. E. 56—Electrical Design .....	4
R. E. 35—Railway Signaling .....	1	R. E. 63—Electric Railway Laboratory .....	2
R. E. 62—Electric Railway Laboratory .....	2	R. E. 74—Electric Railway Economics	3
R. E. 64—Electric Railway Practice	3	R. E. 98—Thesis (or technical elective) .....	3
R. E. 67—Seminar .....	1	Non-technical Elective <sup>3</sup> .....	3
R. E. 71—Elec. Railway Machinery .	2	<i>Total</i> .....	17
R. E. 99—Inspection Trip .....	0		
Non-technical Elective <sup>3</sup> .....	3		
<i>Total</i> .....	17		

<sup>1</sup>Semester hours. For definition, see page 223.

<sup>2</sup>French, German, Spanish, or English.

<sup>3</sup>Any approved non-technical course. See page 125.

## CURRICULUM IN RAILWAY MECHANICAL ENGINEERING

## FIRST YEAR

For the first year's work, see Curriculum in Architectural Engineering.

## SECOND YEAR

## FIRST SEMESTER

Hours<sup>1</sup>

Language <sup>2</sup> .....	4
Math. 7—Differential Calculus .....	5
M. E. 85—Pattern and Foundry Laboratory .....	3
Phys. 1a—Physics Lectures .....	3
Phys. 3a—Physics Laboratory .....	2
Mil. 3a and 3b, 13a and 13b, 23a and 23b, 33a and 33b, or 53a and 53b—Military Drill and Theory .....	1
<i>Total</i> .....	18

## SECOND SEMESTER

Hours<sup>1</sup>

Language <sup>2</sup> .....	4
Math. 9—Integral Calculus .....	3
M. E. 86—Pattern and Foundry Laboratory .....	3
Phys. 1b—Physics Lectures .....	2
Phys. 3b—Physics Laboratory .....	2
T. and A. M. 20—Analytical Mechanics .....	3
Mil. 4a and 4b, 14a and 14b, 24a and 24b, 34a and 34b, or 54a and 54b—Military Drill and Theory .....	1
<i>Total</i> .....	18

## THIRD YEAR

M. E. 13—Thermodynamics .....	3
M. E. 87—Machine and Forge Laboratory .....	3
R. E. 3—Locomotives .....	2
R. E. 25—Railway Development .....	3
T. and A. M. 21—Analytical Mechanics .....	2
T. and A. M. 29—Resistance of Materials .....	5
<i>Total</i> .....	18

M. E. 6—Steam Engineering .....	4
M. E. 16—Thermodynamics .....	2
M. E. 40—Mechanical Engineering Design .....	3
M. E. 64—Steam Power Laboratory .....	3
M. E. 88—Machine and Forge Laboratory .....	3
R. E. 4—Locomotives .....	3
<i>Total</i> .....	18

## FOURTH YEAR

E. E. 11—Direct Current Apparatus .....	3
E. E. 61—Direct Current Laboratory .....	1
M. E. 37—Principles of Management or .....	
R. E. 31—Railway Yards and Terminals .....	3
R. E. 2—Locomotive Design .....	3
R. E. 5—Railway Laboratory .....	3
R. E. 9—Seminar .....	1
R. E. 99—Inspection Trip .....	0
Non-technical Elective <sup>3</sup> .....	3
<i>Total</i> .....	17

C. E. 80—Contracts and Specifications .....	2
E. E. 12—Alternating Current Apparatus .....	3
E. E. 62—Alternating Current Laboratory .....	1
R. E. 7—Advanced Design .....	3
R. E. 8—Railway Laboratory .....	2
R. E. 61—Electric Traction .....	3
Non-technical Elective <sup>3</sup> .....	3
<i>Total</i> .....	17

<sup>1</sup>Semester hours. For definition see page 223.

<sup>2</sup>French, German, Spanish, or English.

<sup>3</sup>Any approved non-technical course. See page 125.

## THE COLLEGE OF AGRICULTURE

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For the *buildings* used by this College, see page 48; for *clubs auxiliary to its curricula*, page 84; for *honors*, page 77; for *honorary societies*, page 83; for *fees and expenses*, page 87.

The University, through the College of Agriculture, offers, to both men and women, curricula designed for four different purposes:

First, and mainly, to train for the profession of farming.

Second, to train for the teaching of agriculture in the public schools.

Third, to train for the profession of landscape gardening.

Fourth, to train for the profession of floriculture.

The curricula offered in the Department of Home Economics have two purposes in view:

First, and mainly, to train young women in the science of household affairs, and the art of homemaking.

Second, to prepare teachers for giving instruction in domestic science in high schools, and, in connection with the College of Liberal Arts and Sciences, to fit for college and university positions.

In the case of both men and women the great purpose is to prepare for the practical affairs of life. In order that technical knowledge and skill may not be developed at the expense of those things which tend to the production of cultured and versatile men and women, the technical work is closely associated with the related sciences, and students are required to divide their time fairly between those subjects that develop general knowledge and breadth of view.

In the College over one hundred sixty courses of instruction in technical subjects are given, besides opportunity to elect from the scientific and literary offerings of the other colleges of the University. Credit is given for all work accomplished.

For the requirements for admission to the University, see pages 58-75.

Applicants for admission to the Graduate School should have had an undergraduate course in scientific and technical agriculture equivalent to that of the University of Illinois; yet students who are otherwise eligible for admission to the Graduate School may be admitted to graduate standing in agriculture, if they have had a thoro training in the fundamental sciences, even tho their undergraduate curriculum may have lacked to some extent the amount and kind of technical work included in our course.

### REQUIREMENTS FOR GRADUATION

Students who have satisfied the University requirements as to registration, residence, and diploma fee, and have maintained throughout their course a satisfactory record of scholarship and moral character will, on completion of the studies of the prescribed list and sufficient electives to make a total of 130 semester hours, be graduated with the degree of Bachelor of Science.

A thesis is not required for graduation, but any student who has completed not fewer than 90 hours of credit before the senior year may then elect a thesis course in any department, provided he has done at least 20

hours' work in courses pertinent to the thesis problem, subject to the approval of the head of the department.

Graduates of approved colleges may secure a degree in agriculture from the University on completion of the technical and scientific requirements. This will ordinarily require two years of residence work; a minimum of one year is required.

In physical education not more than five semester hours for men and seven semester hours for women are accepted toward graduation.

### SCHOLARSHIPS

For information concerning scholarships in agriculture and home economics, see page 86.

### FACILITIES FOR INSTRUCTION AND METHODS OF WORK

The affiliation of the College with the Agricultural Experiment Station enables the University to support a larger faculty than would otherwise be possible, and permits a higher degree of specialization. For the most part, those who teach in the College conduct experiments in the same subjects in the Station.

The methods of instruction vary with the nature of the courses. In general the laboratory method prevails. Text-books are used when good ones are available. Laboratory and text are supplemented by lectures and reference readings.

**AGRICULTURAL EXTENSION.**—Agricultural extension work serves as the intermediary between the College of Agriculture and the Agricultural Experiment Station and the local community and the farm. Each department does extension work, and so far as possible provides special men for such work. The responsibility for the work of these men lies with their own department. For this reason not all of the extension effort issues from one office.

For administrative purposes and for the coordination of these activities through a regular channel, agricultural extension is administered as a separate department, conducting all extension enterprises which do not deal with technical subjects and cooperating with other departments in diffusing the results of their work in the State.

Some of the general extension enterprises are: Agricultural extension schools and demonstrations in different localities; Farmers' Week conducted annually at the College in January; helping at farmers' institutes and similar gatherings, with special railway lecture trains, at the boys' state fair school, and in educational exhibits at fairs and elsewhere; welfare work in rural communities; and excursions to the College. (See also under University Extension, Part V.)

**AGRONOMY.**—The Department of Agronomy gives instruction in those subjects which relate to the field, such as field crops; the chemistry, physics, and biology of the soil; manures, and rotation in their relation to fertility; plant breeding. The department maintains equipment and facilities for instruction in these subjects, and in addition, opportunity is afforded for contact with the research work of the Agricultural Experiment Station, especially in crop production, soil fertility, soil biology, and plant breeding, in the analytical and potculture laboratories on the soil bins on the experiment fields at the University and in other parts of the state.



**ANIMAL HUSBANDRY.**—Courses in the Department of Animal Husbandry cover the study of sheep, swine, poultry, and beef cattle and their products; heavy and light horses, with their care and training; the management of herds, flocks, and studs; feeding, breeding, general sanitation, hygiene and disease control, and marketing; and the chemical and physiological phase of animal nutrition.

The University herds, flocks, and studs contain about six hundred pure-bred cattle, swine, sheep, and horses, and several hundred fowls, ducks, and turkeys, which are available for class purposes. These animals are also used for investigations in feeding and breeding, and for illustration of breed types and characteristics. The breeds represented are Shorthorn, Hereford, and Aberdeen Angus cattle; Poland China, Berkshire, Duroc Jersey, Chester White, Large Yorkshire, and Hampshire swine; Shropshire, Oxford, South-down, Hampshire, Rambouillet, and Corriedale sheep; and Percheron, Hackney Pony, and American Saddle horses. In addition, a large number of grade animals of the various classes of live stock furnish material for judging practice. In this practice, standard market classes and grades of live stock are illustrated, and instruction is given in the selection of animals according to feed-lot and market requirements. The stock pavilion offers opportunity for show and judging work. The lectures of the courses are supplemented by 1,000 or more lantern slides, charts, diagrams, models, and photographs. Work on pedigree and breed is facilitated by sets of the different herd, stud, and flock registers, and complete files of the leading American and British journals.

The equipment for instruction and investigation in the feeding, breeding, and management of live stock consists of modern buildings for the housing of beef cattle, swine, sheep, horses, and poultry, and a feed storage barn, with various forms of grinding mills and other machinery for the preparation of feed. The laboratories of the department afford facilities for both undergraduate and advanced study in animal nutrition, genetics, and animal diseases.

**DAIRY HUSBANDRY.**—Courses in the Department of Dairy Husbandry include judging, breeding, feeding, and management of dairy cattle, and the manufacture of dairy products. Instruction in dairy bacteriology and dairy chemistry is also furnished.

In addition to laboratories and lecture rooms, its equipment includes a complete commercial creamery equipped to manufacture butter, cheese, ice cream, and condensed milk, and facilities for the distribution of market milk. The department operates a farm of 160 acres and has 150 milch cows, bulls, and young stock, which are typical representatives of the Holstein-Friesian, Jersey, Guernsey, and Ayrshire breeds. It also has a cross-bred herd (Guernsey-Holstein-Friesian) which is kept for the purpose of studying the inheritance of certain characters in dairy cattle.

**FARM MECHANICS.**—Courses in the Department of Farm Mechanics cover the principles of engineering as applied to the various phases of agriculture, including the subjects of elementary farm mechanics, drainage, farm buildings, concrete construction, farm machinery, tractors, harvesting machinery, dairy machinery, and farm home equipment.

The University has a large assortment of tractors, gas engines, and a full line of farm machinery in this department for student use. Lighting units, water systems, etc. are provided in the home equipment laboratory. Draft-

ing room is provided for work in farm buildings, and also adequate facilities are provided for concrete construction.

Students who would enter teaching, research, or design work in this field should supplement the courses mentioned above with higher mathematics, mechanics, and other basic engineering courses as given in the College of Engineering.

**FARM ORGANIZATION AND MANAGEMENT.**—In the Department of Farm Organization and Management the principles of economics and accounting are applied to the business of farming.

The problems of farm organization and farm operation are dealt with. The work is based on the literature available on the subjects, and on the detailed farm management and cost accounting studies carried on with a considerable number of farmers located in several sections of the state.

Field trips will be conducted to some of the cooperating farms, and other farms in Champaign County, which serve as good demonstrations of certain farm management practices and furnish the basis for laboratory work. Such trips will constitute a part of the regular work in the farm management courses.

Special problems on systems of farming, the organization of individual farms, and land ownership and tenure are pursued by advanced students.

A special curriculum in which economics, accounting, business organization, and farm management occupy an important place is provided for agricultural students.

**HOME ECONOMICS.**—The courses of instruction given in the Department of Home Economics are planned to meet the needs of four classes of students: (a) those who desire a knowledge of the general principles and facts of home economics; (b) those who wish to make a specialty of home economics for the purpose of teaching the subject in secondary schools and colleges; (c) those who wish a knowledge of the principles underlying household administration and institutional management; (d) those who are interested in work in nutrition and dietetics.

Students who hold scholarships in home economics must take each semester at least four hours in home economics or in subjects required for admission to home economics.

The department is housed in the Woman's Building where laboratories, lecture rooms, and an apartment for home management are provided. A cafeteria serves as a teaching laboratory for students interested in institutional work.

**HORTICULTURE.**—Courses offered in the Department of Horticulture include instruction in the five divisions (pomology, olericulture, floriculture, landscape gardening, and forestry), and also in subjects dealing with all divisions, such as plant propagation, spraying, the evolution of horticultural plants, and experimental horticulture.

For instruction in pomology, use is made of the fruit plantations maintained by the department. Orchards of different ages afford opportunities for practice in pruning and for studies of tree types, while the products furnish materials for practice in grading and packing of fruits and study of systematic pomology. A collection of fruit packages illustrates types used in commercial packing. A collection of wax models of fruits represents the principal varieties grown in Illinois.

For olericulture, or vegetable gardening, areas of ground are reserved on which garden operations are illustrated and crops are grown. The equipment

also includes a greenhouse, hotbed frames and sash, seed drills, wheel hoes, hand tools, markers, planters, and other appliances for the growing and handling of vegetables.

The equipment in floriculture includes ten glass houses and a service building. Six of the houses, including the palm house, are used for instructional work exclusively, and the other four, while intended for experimental purposes, add to the facilities for instruction in floriculture as conducted on a commercial basis. Besides roses, carnations, and chrysanthemums, the houses contain a selection of plants representing the forms used in commercial and decorative or conservatory work. The service building contains laboratories, class rooms, offices, and potting, storage, and work rooms. An assortment of florist's supplies is maintained. Floricultural periodicals, reference books, and a series of over eight hundred slides add to the equipment. The ornamental gardens furnish illustrative materials for students in floriculture and landscape gardening.

The equipment in landscape gardening includes four drafting rooms with desks for individuals, modern filing devices for office practice, seminar rooms, lecture rooms, offices, and a library. The library contains a complete collection of books, periodicals, pamphlets, photographs of examples of foreign and American landscape gardening, and works on civic design, all carefully indexed. There is a collection of representative drawings and blue-prints from the offices of practicing landscape architects, and one of city maps.

The collection of trees and shrubs growing on the campus and about certain residences near the University furnishes material for plant studies in the courses in planting design. The herbarium of the division is also available for reference. A series of 3,500 lantern slides is used in lectures.

Instruction in forestry is facilitated by a collection of native woods and a forest tree plantation of about twenty acres, containing Scotch pine, white pine, Norway spruce, European larch, green ash, black walnut, hickory, bur oak, white elm, and other species.

## CURRICULUM IN AGRICULTURE

### *Required for the Degree of Bachelor of Science in Agriculture*

All students except those in the special curricula in home economics, floriculture, and landscape gardening are required to take the same work during the freshman year and part of the sophomore, junior, and senior years. This work gives the student a correct conception of the fundamental farm practices and an insight into the technical branches of agriculture, such as animal and dairy husbandry, horticulture, farm crops, soils, farm mechanics, and buildings, and leaves a large part of the junior and senior years open for elective studies.

One hundred thirty semester hours are required for graduation, as follows:

Agriculture prescribed.....	33 hours
Agriculture prescribed electives, Group A.....	23 hours
<i>Total Agriculture required.....</i>	<i>56 hours</i>
Non-agriculture prescribed.....	52 hours
Non-agriculture electives, Group B.....	5 hours
Non-agriculture electives, Group C.....	6 hours

<i>Total non-agriculture required.....</i>	<i>63 hours</i>
Open electives.....	11 hours

*Total .....130 hours*  
(The prescribed courses must be taken in the order outlined, and cannot be deferred.)

## FIRST YEAR

## FIRST SEMESTER

Hours<sup>1</sup>

Agr. Ext. 4—Elementary Agricultural Extension .....	1
Hort. 1a—Elements of Horticulture ..	2
Rhet. 1—Rhetoric and Themes .....	3
Phys. Ed. 1—Gymnasium Practice ..	$\frac{1}{2}$
Hyg. 1—Hygiene (men) .....	$\frac{1}{2}$
Mil. 1a and 1b, 11a and 11b, 21a and 21b, or 51a and 51b—Military Drill and Theory .....	1
Bot. 5—General Botany .....	3
or	
Ent. 1—Introductory Entomology with Group 1 or Group 2 .....	3
GROUP 1	
Chem. 1a—Inorganic Chemistry ....	3
and	
A. H. 5—Live Stock Judging .....	3
GROUP 2	
Chem. 1—Inorganic Chemistry .....	5
and	
D. H. 24a—Dairy Judging .....	2
<i>Total</i> .....	17 or 18

## SECOND SEMESTER

Hours<sup>1</sup>

Chem. 2a—Inorganic Chemistry and Qualitative Analysis .....	5
Hort. 1b—Elements of Horticulture ..	2
Rhet. 2—Rhetoric and Themes .....	3
Phys. Ed. 2—Gymnasium Practice ..	1
Mil. 2a and 2b, 12a and 12b, 22a and 22b, or 52a and 52b—Military Drill and Theory .....	1
Bot. 5—General Botany .....	3
or	
Ent. 1—Introductory Entomology ..	3
and	
A. H. 5—Live Stock Judging .....	3
or	
D. H. 24a—Dairy Judging .....	2

*Total* ..... 17 or 18

## SECOND YEAR

Chem. 8—Quantitative Analysis ....	3
with	
Mil. 3a and 3b, 13a and 13b, 23a and 23b, or 53a and 53b—Military Drill and Theory .....	1
Geol. 44—Agricultural Geology .....	3
and	
Farm Mech. 1—Elementary Farm Mechanics .....	3
or	
A. H. 21—Principles of Feeding ....	3
and	
D. H. 24b—Dairy Cattle Management .....	2
or	
Agron. 25—Farm Crops .....	4
<i>Electives to make</i> .....	15 or 18

Chem. 19—Organic .....	3
with	
Chem. 8—Quantitative Analysis ....	3
Mil. 4a and 4b, 14a and 14b, 24a and 24b, or 54a and 54b—Military Drill and Theory .....	1
Agron. 9—Soil Physics and Management .....	3
and	
Farm Mech. 1—Elementary Farm Mechanics .....	3
or	
A. H. 21—Principles of Feeding ....	3
and	
D. H. 24b—Dairy Cattle Management .....	2
or	
Agron. 25—Farm Crops .....	4

*Electives to make* ..... 15 or 18

## THIRD YEAR

Chem. 19—Organic .....	3
Agron. 12—Soil Fertility .....	3
or	
Agron. 9—Soil Physics and Management .....	3
Econ. 1—Principles of Economics ...	5
Zool. 15—Genetics .....	3

Agron. 12—Soil Fertility .....	3
Hort. 10a—Rural Improvement ....	2
Acc'y 11—Farm Accounting .....	4

*Electives to make* ..... 15 or 18

 *Electives to make* ..... 15 or 18

<sup>1</sup>Semester hours. For definition, see page 223.

## FOURTH YEAR

Bact. 5a—Introductory Bacteriology and Sanitary Science .....	3	Farm Man. 1—Elementary Farm Management .....	3
Acc'y 11—Farm Accounting .....	4		
<i>Electives to make</i> .....		<i>Electives to make</i> .....	
15 or 18		15 or 18	

## Group A—Minimum 23 hours

All courses offered by College of Agriculture other than those prescribed.

## Group B—Minimum 5 hours

	Hours
Physics (Course under consideration).....	3
Bot. 7a .....	5
Bot. 27a .....	5
Math 3 or 2.....	5 or 2
Zool. 1.....	5

## Group C—Minimum 6 hours

Engl. 20.....	4
Pub. Sp. 1 and 2.....	4
Rhet. 10.....	2
Am. Hist. 3b.....	3
Sociology 1 or 7.....	3 or 2
Psychology 1.....	4
Philosophy 1 or 2.....	3

## SUGGESTED CURRICULUM IN FARM ORGANIZATION AND MANAGEMENT

## FIRST YEAR

All students desiring to major in Farm Organization and Management will follow the course of study outlined for first-year students in Agriculture.

## SECOND YEAR

FIRST SEMESTER	Hours <sup>1</sup>	SECOND SEMESTER	Hours <sup>1</sup>
Chem. 8—Quantitative .....	3	Chem. 19—Organic ..	3
A. H. 21 .....	3	Farm Mech. 1 .....	3
D. H. 24b .....	2	Geol. 44 .....	3
Econ. 1 .....	5	A. H. 2a and 2b, 4a and 4b, or D. H. 2 ..	5
Agr. 25 .....	4	Acc'y 11 .....	4
Mil. 3a and 3b, 13a and 13b, 23a and 23b, or 53a and 53b—Military Drill and Theory .....	1	Mil. 4a and 4b, 14a and 14b, 24a and 24b, or 54a and 54b—Military Drill and Theory .....	1
<i>Total</i> .....	18	<i>Total</i> .....	19

## THIRD YEAR

Agr. 9 .....	3	Agr. 12 .....	3
A. H. 1a and 1b, or 11a and 11b .....	5	Farm Mgt. 1 .....	3
Econ. 3 .....	3	Econ. 15 .....	3
Econ. 13 .....	3	Hort. 10a .....	2
Pub. Sp. 1 .....	2	Farm Mech. 4.....	3
Zool. 15 .....	3	Pub. Sp. 2 .....	2
<i>Total</i> .....	19	Electives .....	2
		<i>Total</i> .....	18

## FOURTH YEAR

Bact. 5 .....	3	Sociol. 7 .....	2
Farm Mgt. 4 .....	2	Farm Mgt. 5 .....	3
Farm Mgt. 6 .....	2	Econ. 16 .....	2
Electives .....	11	Econ. 14 .....	2
<i>Total</i> .....	18	Electives .....	9
		<i>Total</i> .....	18

<sup>1</sup>Semester hours. For definition, see page 223.

Group A. Minimum 23 hours. The suggested courses listed above provide for 19 hours in Group A; four hours of the additional courses in agricultural subjects are required.

Group B. Minimum 5 hours required from Group B listed under the general curriculum.

Group C. Minimum 6 hours. This requirement is provided for by the suggested courses listed above.

Open Electives. Additional electives may be chosen from the College of Agriculture or some other college to give the 130 hours of credit required for graduation. The following list of elective courses in addition to agricultural courses is suggested for the consideration of the student.

*Suggested Electives Outside of Agriculture*

Botany 27a .....	5	History 3b .....	3
Economics 51 .....	3	Philosophy 1 .....	3
Economics 52 .....	3	Political Science 1 .....	3
Elementary Law 2 .....	3	Political Science 3 .....	3
History 2a .....	3 or 2	Rhetoric 10 .....	2
History 3a .....	3	Sociology 1 .....	3
History 2b .....	3 or 2		

CURRICULUM IN FLORICULTURE

*Required for the Degree of Bachelor of Science in Floriculture*

The object of this curriculum is to fit men and women for the profession of floriculture. The laboratory exercises in technical subjects consist of practical work in greenhouses and gardens and give the students a working knowledge of the best methods now in use.

Of the 130 semester hours required for graduation, 103-105 are provided for in the prescribed list. The other 27-25 hours of credit necessary for graduation are electives.

Students registered in floriculture will be required to make at least one inspection trip before graduation. The annual trip costs about \$25.

FIRST YEAR

FIRST SEMESTER  
*Prescribed Subjects*

Hours<sup>1</sup>

Chem. 1 or 1a—Inorganic Chemistry	5 or 3
Hort. 5—Plant Propagation .....	3
Rhet. 1—Rhetoric and Themes .....	3
Ent. 1—Introductory Entomology...	3
Phys. Ed. 1—Gymnasium Practice ..	$\frac{1}{2}$
Hyg. 1—Hygiene (men).....	$\frac{1}{2}$
Mil. 1a and 1b, 11a and 11b, 21a and 21b, or 51a and 51b—Military Drill and Theory .....	1

*Total* ..... 14-16

SECOND SEMESTER  
*Prescribed Subjects*

Hours<sup>1</sup>

Chem. 2a—Inorganic Chemistry and Qualitative Analysis .....	5
Hort. 4—Plant Houses .....	3
Rhet. 2—Rhetoric and Themes .....	3
Bot. 5 .....	3
Phys. Ed. 2—Gymnasium Practice...	1
Mil. 2a and 2b, 12a and 12b, 22a and 22b, or 52a and 52b—Military Drill and Theory .....	1

*Total* ..... 16

SECOND YEAR

Bot. 27a—Plant Physiology .....	5
Econ. 1—Principles of Economics ...	5
Geol. 44—Agricultural Geology .....	3
Mil. 3a and 3b, 13a and 13b, 23a and 23b, or 53a and 53b—Military Drill and Theory .....	1

*Total* ..... 14

Agron. 9—Soil Physics.....	3
Hort. 15—Greenhouse Management .	3
Hort. 24a—Trees and Shrubs .....	3
Hort. 31—Garden Flowers .....	3
Mil. 4a and 4b, 14a and 14b, 24a and 24b, or 54a and 54b—Military Drill and Theory .....	1

*Total* ..... 13

<sup>1</sup>Semester hours. For definition, see page 223.

## THIRD YEAR

Acc'y 1a .....	3	Acc'y 1b .....	3
Bot. 7a—Plant Pathology .....	5	Hort. 7—Spraying .....	3
Hort. 15b—Commercial Crops .....	3	Hort. 15c—Commercial Crops .....	3
Hort. 24b—Trees and Shrubs .....	3	Hort. 42—Landscape Design .....	3
<i>Total</i> .....	14	<i>Total</i> .....	12

## FOURTH YEAR

B. O. and O. 1 .....	3	Hort. 30—Tender Bedding Plants ..	3
Hort. 32a—Floral Decoration .....	3	Hort. 32b—Floral Decoration .....	3
Hort. 43—Greenhouse Fertilizers ...	3	Hort. 45—Plant Nutrition .....	3
<i>Total</i> .....	9	<i>Total</i> .....	9

*Additional Requirements*

A minimum of 4 hours from Group C of the general agriculture curriculum.

## CURRICULUM IN GENERAL HOME ECONOMICS

To satisfy the requirements for graduation, students transferring from other institutions must take five hours in residence from the following: Home Economics 4, 28, 31, 33, 39a, 39b, 41.

One hundred thirty credit hours are required for graduation.

Students may choose the general curriculum in home economics or the curriculum in nutrition and dietetics as suggested below.

*Prescribed Subjects**Required for the Degree of Bachelor of Science in Home Economics*

	Hours <sup>1</sup>
Art and Design 1, 12 .....	5
Bacteriology 5a, 5b .....	5
Botany 1 or Zoology 1 .....	5
Chemistry 1 or 1a, 2a .....	10 or 8
Chemistry 9, or 9c .....	5 or 3
Economics 1, or 2 .....	5 or 3
English 1, 2 .....	8
Home Economics 1, 2, 5, 6, 7, 10, 29 .....	25
Hygiene 2 .....	1
Physiology 1, 4 .....	5
Physical Education 7a, 7b, 8a, 8b .....	4
Rhetoric 1, 2 .....	6
Sociology 1 .....	3
List A—a minimum of .....	6
List B—a minimum of .....	10
	103 or 97
Open Electives .....	27 or 33

*Electives*

- List A (a minimum of 6 hours)  
 History 1a, 1b, 3a, 3b  
 Sociology 2, 3, 7, 8  
 Economics 3, 41, 44  
 Psychology 1  
 List B (a minimum of 10 hours)  
 Home Economics 3, 4, 9, 14, 18, 19, 20, 28, 33, 35, 39,  
 41, 30, 31

<sup>1</sup>Semester hours. For definition, see page 223.

## SUGGESTED CURRICULUM IN GENERAL HOME ECONOMICS

## FIRST YEAR

## FIRST SEMESTER

	Hours <sup>1</sup>
A. and D. 1—Freehand Drawing . . .	3
Chem. 1 or 1a—Inorganic Chemistry . . .	5-3
Rhet. 1—Rhetoric and Themes . . . .	3
Home Econ. 7—Textiles . . . . .	3
Hyg. 2—Hygiene (women) . . . . .	1
Phys. Ed. 7a—Gymnasium Practice . .	1
<i>Total</i> . . . . .	14 or 16

## SECOND SEMESTER

	Hours <sup>1</sup>
A. and D. 12—Applied Design . . . .	2
Chem. 2a—Qualitative Analysis . . . .	5
Rhet. 2—Rhetoric and Themes . . . .	3
Bot. 1 or Zool. 1—General Course . .	5
Phys. Ed. 7b—Gymnasium Practice . .	1
<i>Total</i> . . . . .	16

## SECOND YEAR

Engl. 1—Survey of English Literature .	4
Home Econ. 1—Selection and Preparation of Food . . . . .	4
Physiol. 1—General Physiology . . . .	2
Home Econ. 2—Home Architecture . .	3
Home Econ. 29—Clothing . . . . .	4
Phys. Ed. 8a—Gymnasium Practice . .	1
<i>Total</i> . . . . .	18

Engl. 2—Survey of English Literature .	4
Home Econ. 6—Foods . . . . .	4
Physiol. 4—Physiology of Digestion .	3
Chem. 9, 9c—Organic Chemistry . . .	5
Phys. Ed. 8b—Gymnasium Practice . .	1
<i>Total</i> . . . . .	17

## THIRD YEAR

Bact. 5a, 5b—Introductory Bacteriology . . . . .	5
Home Econ. 5—Dietetics . . . . .	4
Econ. 1—Principles of Economics . . .	5
Electives . . . . .	2-3
<i>Total</i> . . . . .	16-17

Home Econ. 10—Home Management . . . . .	3
Sociol. 1—Principles of Sociology . .	3
Electives . . . . .	10-11
<i>Total</i> . . . . .	16-17

## FOURTH YEAR

During the third and fourth years, students will complete the prescribed subjects for the degree of Bachelor of Science in Home Economics in the College of Agriculture. The electives will be in accord with the interest of the student.

## CURRICULUM IN NUTRITION AND DIETETICS

*Prescribed Subjects**Required for Degree of Bachelor of Science in Home Economics*

	Hours <sup>1</sup>
Bacteriology 5a, 5b . . . . .	5
Botany 1 . . . . .	5
Chemistry 1 or 1a, 2a, 9, 9c, 5a . . . .	20 or 18
Economics 1 or 2 . . . . .	5 or 3
English 1, 2 . . . . .	8
Home Economics 1, 4, 5, 6, 39a, 20, 33, 41 . . . .	29 or 27
Hygiene 2 . . . . .	1
Physical Education 7a, 7b, 8a, 8b . . . .	4
Physiology 1, 4 . . . . .	5
Rhetoric 1, 2 . . . . .	6
Sociology 1 . . . . .	3
Zoology 1 . . . . .	5
List A, a minimum of . . . . .	6

Open Electives . . . . .	102 or 96
	28 or 34

*Total* . . . . . 130

<sup>1</sup>Semester hours. For definition see page 223.



## List A (a minimum of 6 hours)

History 1a, 1b, 3a, 3b  
 Sociology 2, 3, 7, 8  
 Economics 3, 41, 44  
 Psychology 1  
*Suggested Electives*  
 Bacteriology 8, 26  
 Chemistry 25  
 Home Economics 18  
 General Hygiene 10  
 French or German

## SUGGESTED CURRICULUM IN NUTRITION AND DIETETICS

## FIRST YEAR

FIRST SEMESTER		SECOND SEMESTER	
	Hours <sup>1</sup>		Hours <sup>1</sup>
Chem. 1 or 1a—Inorganic Chemistry	5-3	Chem. 2a—Qualitative Analysis	5
Rhet. 1—Rhetoric and Themes	3	Rhet. 2—Rhetoric and Themes	3
Bot. 1—General Botany	5	Zoology 1—General Zoology	5
Phys. Ed. 7a—Gymnasium Practice	1	Physiol. 1—General Physiology	2
Hyg. 2—Hygiene (women)	1	Phys. Ed. 7b—Gymnasium Practice	1
<i>Total</i>	15 or 13	<i>Total</i>	16

## SECOND YEAR

Engl. 1—Survey of English Literature	4	Engl. 2—Survey of English Literature	4
Home Econ. 1—Selection and Preparation of Food	4	Home Econ. 6—Foods	4
Physiol. 4—Physiology of Digestion	3	Chem. 9, 9c—Organic Chemistry	5
Phys. Ed. 8a—Gymnasium Practice	1	Phys. Ed. 8b—Gymnasium Practice	1
Electives	5 or 6	Electives	2 or 3
<i>Total</i>	17-18	<i>Total</i>	16-17

## THIRD YEAR

Chem. 5a—Quantitative Analysis	5	Home Econ. 18—Lunchroom Management	5
Econ. 1 or 2—Principles of Economics	5 or 3	Bact. 5a, 5b—Introduction to Bacteriology	5
Home Econ. 5—Dietetics	4	Sociol. 1—Principles of Sociology	3
Electives	2 or 3	Electives	2 or 3
<i>Total</i>	15-17	<i>Total</i>	15-16

## FOURTH YEAR

Home Econ. 4—Nutrition	5	Home Econ. 41—Problems in Nutrition	3-5
Home Econ. 39a—Nutrition Seminar	1	Home Econ. 39b—Nutrition Seminar	1
Electives	9 or 10	Bact. 8—Food Bacteriology	5
<i>Total</i>	15-16	Home Econ. 20—Infant Nutrition	2
		Home Econ. 33—Diet in Disease	3
		<i>Total</i>	14-16

<sup>1</sup>Semester hours. For definition, see page 223.

## CURRICULUM IN LANDSCAPE GARDENING

*Required for the Degree of Bachelor of Science in Landscape Gardening*

A four years' course in preparation for professional practice of landscape gardening. Courses are open to any student in the University having the prerequisites or their equivalents.

Of the 130 semester hours required for graduation, 118 hours are provided for in the prescribed list. The other 12 hours necessary for graduation may be taken from the suggested electives given below.

## FIRST YEAR

FIRST SEMESTER  
*Prescribed Subjects*SECOND SEMESTER  
*Prescribed Subjects*

	Hours <sup>1</sup>		Hours <sup>1</sup>
Arch. 31—Architectural Drawing . . .	4	Arch. 32—Architectural Drawing . . .	4
Foreign Language <sup>2</sup> . . . . .	4	Foreign Language <sup>2</sup> . . . . .	4
Hort. 36—History of Landscape Gardening . . . . .	3	A. and D. 12—Design . . . . .	2
Rhet. 1—Rhetoric and Themes . . .	3	Rhet. 2—Rhetoric and Themes . . .	3
Hort. 39a—Special Lectures . . . . .	$\frac{1}{2}$	Hort. 39b—Special Lectures . . . . .	$\frac{1}{2}$
Phys. Ed. 1—Gymnasium Practice . .	$\frac{1}{2}$	Phys. Ed. 2—Gymnasium Practice . .	1
Hyg. 1—Hygiene (men) . . . . .	$\frac{1}{2}$	Mil. 2a and 2b, 12a and 12b, 22a and 22b, or 52a and 52b—Military Drill and Theory . . . . .	1
Mil. 1a and 1b, 11a and 11b, 21a and 21b, or 51a and 51b—Military Drill and Theory . . . . .	1		
<i>Total</i> . . . . .	16 $\frac{1}{2}$	<i>Total</i> . . . . .	15 $\frac{1}{2}$

## SECOND YEAR

C. E. 31—Surveying . . . . .	3	C. E. 32—Surveying . . . . .	3
Hort. 21a—Landscape Design . . . .	4	Hort. 21b—Landscape Design . . . .	4
Arch. 43—Working Drawings . . . .	3	Arch. 44—Working Drawings . . . .	3
Bot. 1—Introductory Course . . . .	5	Hort. 24a—Trees and Shrubs . . . .	3
Hort. 39a—Special Lectures . . . . .	$\frac{1}{2}$	Hort. 39b—Special Lectures . . . . .	$\frac{1}{2}$
Mil. 3a and 3b, 13a and 13b, 23a and 23b, or 53a and 53b—Military Drill and Theory . . . . .	1	Mil. 4a and 4b, 14a and 14b, 24a and 24b, or 54a and 54b—Military Drill and Theory . . . . .	1
<i>Total</i> . . . . .	16 $\frac{1}{2}$	<i>Total</i> . . . . .	14 $\frac{1}{2}$

## THIRD YEAR

Hort. 23a—Landscape Design . . . .	4	Hort. 23b—Landscape Design . . . .	4
Hort. 24b—Trees and Shrubs . . . .	3	Hort. 26a—Planting Design . . . . .	3
Hort. 27a—Landscape Construction .	3	Hort. 27b—Landscape Construction .	3
Engl. 20—English Writers of the 19th Century . . . . .	4	Pub. Sp. 2 or 10—Public Speaking . .	2
Pub. Sp. 1—Public Speaking . . . .	2	Hort. 31—Garden Flowers . . . . .	3
Hort. 39a—Special Lectures . . . . .	$\frac{1}{2}$	Hort. 39b—Special Lectures . . . . .	$\frac{1}{2}$
<i>Total</i> . . . . .	16 $\frac{1}{2}$	<i>Total</i> . . . . .	15 $\frac{1}{2}$

## FOURTH YEAR

Hort. 25a—Landscape Design . . . .	5	Hort. 25b—Landscape Design . . . .	5
Hort. 26b—Planting Design . . . . .	3	Hort. 38—Contracts and Specifications . . . . .	1
Hort. 37a—City Planning . . . . .	3	Hort. 37b—City Planning . . . . .	3
Hort. 39a—Special Lectures . . . . .	$\frac{1}{2}$	Hort. 39b—Special Lectures . . . . .	$\frac{1}{2}$
Hort. 40—Care of Plant Materials . .	2		
<i>Total</i> . . . . .	13 $\frac{1}{2}$	<i>Total</i> . . . . .	9 $\frac{1}{2}$

<sup>1</sup>Semester hours. For definition, see page 223.<sup>2</sup>French, German, Italian, or Spanish.

*Note:* Registration in Horticulture 39 is required of professional students in each semester. Transfer students are not required to make this work up during the course tho they are required to offer an equivalent number of hours of horticulture for graduation.

*Suggested Electives*

FIRST SEMESTER		SECOND SEMESTER	
Arch. 13—History of Architecture ..	2	Arch. 14—History of Architecture...	2
Arch. 15—History of Architecture ..	2	Arch. 16—History of Architecture...	2
Bot. 4d—Taxonomy .....	3	Sociol. 7—The Social Problems of the	
Geol. 1—General Geology .....	5	Rural Community .....	2
C. E. 55—Roads and Pavements ...	2	Zool. 16—Economic Ornithology ...	2
Rhet. 10—Business Writing .....	2	A. and D. 10—Sketching.....	1
		Rhet. 10—Business Writing .....	2

TEACHER TRAINING COURSE (Smith-Hughes)

Students graduating with the degree of Bachelor of Science in Agriculture may qualify to teach under the Vocational Act if they have credit for 13 to 20 hours of Education, including one semester's teaching.

Students applying for the degree of Bachelor of Science in Agricultural Education must take the first two years in the College of Agriculture, as required for the degree of B.S. in Agriculture, and the last two years in the College of Education.

FARMERS' WEEK

The meeting formerly known as the Corn Growers' and Stockmens' Convention, is now conducted as Farmers' Week, held January 21-26, 1924. The program for this meeting is especially arranged to meet the needs of farmers and young men who can spend but a few days away from home, the farm as a unit being considered. Fundamental topics are discussed, such as factors determining systems of farming, physical layout of the farm-stead, location of buildings, garden, and lawn. The maintenance of soil fertility, plant relationships, means of reducing cost of farming operations, importance of accounting, relations of the farmer to his farm organizations, and community standards, are some of the problems studied. Intensive class work is given in animal husbandry, poultry, dairying, farm crops, soils, farm mechanics, farm management, and horticulture.

No entrance examinations are required or fees charged for this course. It is important that everyone should be here at the opening of the session. On the arrival at Champaign or Urbana, application should be made at the University Young Men's Christian Association, where information concerning board and room may be obtained.

TRACTOR AND GAS ENGINE SHORT COURSE

The Department of Farm Mechanics of the College of Agriculture conducts each year a series of one week short courses on Farm Tractors and Gas Engines. These courses are given before and after the regular Farmers' Week in January, extending into February. The work, of a very practical nature, is valuable to tractor owners and operators. Eight hours a day are spent on lecture and laboratory work on the operation, care, adjustment, and repair of tractors. Ignition, magnetos, carburetors, transmission systems, clutches, and lubrication systems are some of the special phases taken up.

Only a limited number can be accommodated, and a small fee is charged. Announcement is made through the agricultural papers in December, and those desiring to come should get their applications in early.

## THE COLLEGE OF EDUCATION

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The College of Education includes, besides the general courses leading to the degree of Bachelor of Science (Education), curricula in Agricultural Education, Athletic Coaching and Physical Education, Home Economics Education, Music Education, and Industrial Education. It is the aim of the College of Education to prepare its students for positions in the educational profession. It is, therefore, considered as one of the professional schools. In Industrial Education, and in Athletic Coaching and Physical Education, four-year curricula are offered.

**ADMISSION.**—In general, a student must complete two years (60 hours exclusive of military) of a curriculum in one of the colleges of Agriculture, Commerce and Business Administration, Engineering, or Liberal Arts and Sciences, or the School of Music, before being admitted to the College of Education. The exceptions to this are: Athletic Coaching and Physical Education, and Industrial Education. To the former, admission is granted on the fulfillment of admission to the University and the passing of a medical and physical examination; to the latter, admission is granted on the fulfillment of the requirements for admission to the University.

Juniors entering the College of Education through the College of Liberal Arts and Sciences should have completed the prescribed subjects and the first five group requirements for the degree of Bachelor of Arts. Juniors entering through the other colleges should select some curriculum in the college chosen, and complete the first two years. Juniors entering from other institutions must present 60 hours of a curriculum pursued in that institution.

Students who enter with more than 60 hours of credit will be given advanced standing in the College of Education to the amount which the credit is in excess of 60 hours.

**GRADUATION.**—Students who complete a curriculum in the College of Education are awarded the degree of Bachelor of Science.

The requirements for graduation are the following:

1. A curriculum of 70 hours, except in Athletic Coaching and Physical Education, in which 136 hours are required, and in Industrial Education, in which 130 hours are required.

2. A major of 20 hours in education, including the following courses: Educational Psychology, 3 hours; Technic of Teaching, 3 hours; a teachers' course in the subject of specialization, 3 hours; Principles of Secondary Education, 3 hours; and Educational Practice, 3-5 hours.

During the year 1923-24, the teachers' courses offered in the departments of the College of Liberal Arts and Sciences and the School of Music may be substituted for the teachers' courses which will later be given in the College of Education.

3. A subject of specialization, which the student expects to teach, must be selected. Twenty hours of approved courses must be completed, except that in Agricultural Education, 56 hours, Home Economics Education, 36 hours, Athletic Coaching and Physical Education, 47 hours, and Industrial Education, 25 hours must be completed.

In computing the hours in the subject of specialization, courses taken in other colleges prior to admission may be counted.

4. The remainder of the curriculum may be elected from a list of courses approved by the faculty of the College of Education.

**TEACHER'S DIPLOMA.**—Graduates of the College of Education who have satisfied the faculty with regard to their qualifications as teachers will be granted a Teacher's Diploma to apply toward the fulfillment of the requirements for certificates issued without examination.

**CURRICULA.**—Because of the variety of curricula which the student may offer for admission to the College of Education none is presented in any department except agricultural education, home economics education, industrial education, music education, and athletic coaching and physical education. Students preparing to teach other subjects should follow the requirements stated under "Graduation."

**AGRICULTURAL AND HOME ECONOMICS EDUCATION.**—Courses are offered for the preparation of teachers, supervisors, and administrators of Vocational Agriculture, and of Home Economics, designed to meet the requirements of the Smith-Hughes Act relating to teacher-training institutions.

Courses in teaching include practice in the departments of Vocational Agriculture and Home Economics in the high schools near the University. Opportunity is offered to graduate students to carry on investigations in the field of Agricultural Education.

#### SUGGESTED CURRICULUM IN AGRICULTURAL EDUCATION

*Meeting the requirements of teacher training under the Smith-Hughes Act. Prerequisite:* Sixty hours in some curriculum of the College of Agriculture.

##### FIRST YEAR

(Third year of the Curriculum in Agricultural Education)

*Required:*

Education 25—Educational Psychology.....	3
Education 10—Technic of Teaching.....	3
Education 6—Principles of Secondary Education.....	3
Electives in Technical Agriculture and Education	

##### SECOND YEAR

(Fourth year of the Curriculum in Agricultural Education)

*Required:*

Educational Practice 5—Teaching of Agriculture.....	3-5
Education 51—Teachers' Course in Agriculture.....	3
Electives in Technical Agriculture and Education	

#### CURRICULUM IN HOME ECONOMICS EDUCATION

*Required for the Degree of Bachelor of Science*

##### *Prescribed Subjects*

	Hours <sup>1</sup>
Home Economics 1, 2, 5, 6, 7, 10, 29.....	25
Art and Design 1, 12.....	5
Chemistry 1 or 1a, 2a.....	10 or 8
Chemistry 9, 9c.....	5 or 3
Economics 1 or 2.....	5 or 3
Physiology 1, 4.....	5
List A, a minimum of.....	13

*List A (a minimum of 13 hours)*

Home Econ. 3, 4, 14, 18, 19, 20, 28, 39a, 39b, 41, 30, 31, 33

<sup>1</sup>Semester hours. For definition, see page 223.

*Required for the Degree of Bachelor of Science*  
(Home Economics Education)—Smith-Hughes

Students expecting to meet the requirements for teacher-training under the Smith-Hughes Act should include the following subjects in their four-year curriculum.

	Hours
Art and Design 1—Free-hand Drawing.....	3
Art and Design 12—Applied Design.....	2
Bacteriology 5a, 5b—Introductory Bacteriology.....	5
Chemistry 1 or 1a—Inorganic Chemistry.....	5 or 3
Chemistry 2a—Inorganic Chemistry and Qualitative Analysis...	5
Chemistry 9 and 9c—Organic Chemistry.....	5
Economics 2—Principles of Economics.....	3
Education 6—Principles of High School Education.....	3
Education 10—Technic of Teaching.....	3
Education 14—Practice Teaching in Home Economics.....	5
Education 25—Educational Psychology.....	3
English 1, 2—Survey of English Literature.....	8
Home Economics 1—Selection and Preparation of Foods.....	4
Home Economics 2—Home Architecture.....	3
Home Economics 3—Home Decoration.....	3
Home Economics 5—Dietetics.....	4
Home Economics 6—Foods.....	4
Home Economics 7—Textiles.....	3
Home Economics 10—Household Organization and Management	3
Home Economics 11—Teachers' Course.....	3
Home Economics 13—Teachers' Course.....	3
Home Economics 14—Practice House.....	3
Home Economics 19—Dress Design.....	3
Home Economics 29—Clothing.....	4
Home Economics 30—Clothing.....	3
Hygiene 2—Essentials of Hygiene and Sanitation.....	1
Physical Education 7a, 7b, 8a, 8b—Gymnasium Practice.....	4
Physiology 1—General Physiology.....	2
Physiology 4—Physiology of Digestion.....	3
Psychology 1—Introduction to Psychology.....	4
Rhetoric 1, 2—Rhetoric and Themes.....	6
Sociology 1—Principles of Sociology.....	3
Electives .....	14 or 16
<i>Total</i> .....	130

PUBLIC SCHOOL MUSIC EDUCATION

First and second years follow the curriculum of the same years in the School of Music, with piano as a major and voice as a minor subject.

THIRD YEAR

FIRST SEMESTER

	Hours <sup>1</sup>
Music 25a—Public School Methods..	4
Music 47e or 57e—Piano or Voice <sup>2</sup> ..	2
Music 67a, 77a, or 92a—Orchestral Instrument .....	2
Music 7—Counterpoint .....	3
Music 13—Appreciation .....	1
Music 15—Instrumentation .....	1
Ed. 25—Educational Psychology ...	3
<i>Total</i> .....	16

SECOND SEMESTER

	Hours <sup>1</sup>
Music 25b—Public School Methods .	4
Music 47f or 57f—Piano or Voice ...	2
Music 67b, 77b, or 92b—Orchestral Instrument (different) .....	2
Music 8—Counterpoint .....	3
Music 14—Appreciation .....	1
Music 16—Instrumentation .....	1
Ed. 10—Technic of Teaching .....	3
<i>Total</i> .....	16

<sup>1</sup>Semester hours. For definition, see page 223.

<sup>2</sup>To be decided by the adviser.

## FOURTH YEAR

Music 26a—Public School Methods..	4	Music 26b—Public School Methods..	4
Ed. 6—Principles of Secondary Ed...	3	Ed. Practice 20 .....	5
Ed. Practice 20 .....	5	Electives .....	5
Electives .....	3		
<hr/>		<hr/>	
Total .....	15	Total .....	14

## SUGGESTED CURRICULA IN INDUSTRIAL EDUCATION

The Department of Industrial Education has been established as an aid in the promotion of the welfare of industry. This it aims to do largely through the better training of teachers. The department is also concerned with the training of teachers of shop work and drafting in the field of general education, and with the training of administrators for industrial education.

While the Department is organized as a part of the College of Education, it makes use of such courses in other colleges and departments as serve its purposes. This makes possible a wealth of material for students specializing in industrial education.

Attention is called to a requirement in effect in September, 1924, that in a curriculum in which less than 15 hours of laboratory sciences are required a student who enters without at least one unit of laboratory science shall be required to substitute 5 hours of a laboratory science for 5 hours of free electives in the requirements for graduation.

I. Curriculum for Supervisors and Directors of Industrial Education. For Heads of Departments and High School Teachers of Manual Arts.

## FIRST YEAR

FIRST SEMESTER		SECOND SEMESTER	
	Hours <sup>1</sup>		Hours <sup>1</sup>
G. E. D. 1—Elements of Drafting ..	4	A. and D. 1—Freehand Drawing ...	3
Rhet. 1—Rhetoric and Themes .....	3	Math. 4—Trigonometry .....	2
Indus. Ed. 1—Manual Arts, First Course .....	4	Rhet. 2—Rhetoric and Themes .....	3
Phys. Ed. 1—Gymnasium Practice (Men) .....	$\frac{1}{2}$	Indus. Ed. 2—Advanced Manual Arts	4
Hyg. 1—Hygiene (Men) .....	$\frac{1}{2}$	Phys. Ed. 2—Gymnasium Practice (Men) .....	1
Phys. Ed. 7a—Gymnasium Practice (Women) .....	1	Phys. Ed. 7b—Gymnasium Practice (Women) .....	1
Mil. 1a and 1b, 11a and 11b, 21a and 21b, or 51a and 51b—Military Drill and Theory .....	1	Mil. 2a and 2b, 12a and 12b, 22a and 22b, or 52a and 52b—Military Drill and Theory .....	1
Hyg. 2—Hygiene (Women) .....	1	Electives .....	0-3
Electives .....	0-3		
<hr/>		<hr/>	
Total .....	15-18	Total .....	15-18

## SECOND YEAR

Econ. 1—Principles of Economics ...	5	Ed. 3—Survey of Modern Educational Problems .....	3
M. E. 85—Pattern and Foundry (Men) .....	3	Indus. Ed. 62—History and Organization of Manual Arts .....	3
Home Econ. 1—Selection and Preparation of Food (Women) .....	3	M. E. 86—Pattern and Foundry (Men) .....	3
Indus. Ed. 2a—Advanced Manual Arts .....	4	Home Econ. 7a—Textiles (Women) ..	2
Phys. Ed. 8a—Gymnasium Practice (Women) .....	1	Econ. 27—Econ. Records <sup>2</sup> .....	3
Mil. 3a and 3b, 13a and 13b, 23a and 23b, or 53a and 53b—Military Drill and Theory .....	1	Mil. 4a and 4b, 14a and 14b, 24a and 24b, or 54a and 54b—Military Drill and Theory .....	1
Electives .....	0-2	Phys. Ed. 8b—Gymnasium Practice (Women) .....	1
<hr/>		Electives .....	0-2
Total .....	16-18	Total .....	16-18

<sup>1</sup>Semester hours. For definition, see page 223.

<sup>2</sup>Not given second semester. Course is now Modern Industry, I; (3).

## THIRD YEAR

Ed. 25—Educational Psychology . . .	3
Indus. Ed. 50—Problems of Indus. Education . . . . .	3
M. E. 87—Machine and Forge Work (Men) . . . . .	3
Home Econ. 19—Dress Design (Women) . . . . .	3
Electives . . . . .	6-9
<i>Total</i> . . . . .	15-18

Indus. Ed. 54—Problems Part-time Teaching . . . . .	3
Ed. 10—Technic of Teaching . . . . .	3
Econ. 41—Labor Problems . . . . .	3
M. E. 88—Machine and Forge Work (Men) . . . . .	2
Home Econ. 12—Clothing (Women) . . . . .	3
Electives . . . . .	3-7
<i>Total</i> . . . . .	15-18

## FOURTH YEAR

Ed. 2—History of Education . . . . .	3
Indus. Ed. 57—Organization of Shop-work . . . . .	3
Sociol. 1—Principles of Sociology . . . . .	3
Electives . . . . .	6-9
<i>Total</i> . . . . .	15-18

B. O. and O. 4—Industrial Organization and Management . . . . .	3
Ed. 41—Survey of Vocational Education . . . . .	3
Ed. 6—Principles of Secondary Education . . . . .	3
Ed. Practice 16—Supervised Teaching . . . . .	3-5
Electives . . . . .	1-6
<i>Total</i> . . . . .	15-18

II. Curriculum for Teachers of Related Subjects and General Continuation Teachers. Same as I. Electives to be chosen with advice of instructor.

III. Two-year Curricula for Teachers of Related Subjects and General Continuation Subjects.

Students over 21 years of age who are graduates of accredited high schools, may, with the approval of the dean of the college and the head of the department, select two years of work from the curricula under I. Students over 25 are not required to take Physical Education or Military Training.

IV. Curriculum for Teachers of Shop Work in Vocational Schools and Classes Operating under the State Board for Vocational Education.

## FIRST YEAR

*First Semester*

Psychological basis of trade teaching. Analysis of teaching material in trades. Lesson-planning. Observation of trade teaching. Reports on Observations. (Such study of mathematics, science, drawing, and English as may be needed by shop teachers will be included.)

*Second Semester*

Further work in trade analysis and observation of teaching. Special study of evening school problems. Analysis of the evening school student. Intensive study of methods of teaching. Organization of teaching material. Organization of related subjects. Course-planning. Practice teaching.

## SECOND YEAR

*First Semester*

History of trade and industrial education. Place of industrial education. Types of industrial schools and classes. Problems of administration of industrial education.

*Second Semester*

Early American legislation on vocational education. The Smith-Hughes Law. Other modern laws and movements. State vocational education laws. The Illinois plan. Observation and practice teaching.

## SUGGESTED CURRICULUM IN ATHLETIC COACHING

Attention is called to a requirement effective in September, 1924, that in any curriculum in which less than 15 hours of laboratory science are required a student who enters without at least one unit of laboratory science shall be required to substitute 5 hours of a laboratory science for 5 hours of free electives in the requirements for graduation.



## FIRST YEAR

FIRST SEMESTER		SECOND SEMESTER	
	Hours <sup>1</sup>		Hours <sup>1</sup>
A. C. 30—Football (1st half sem.)... and	2	A. C. 3—Calisthenics .....	2
A. C. 40—Basketball (2nd half sem.) ..	2	A. C. 10—Single Line Marching and Gymnastic Dancing .....	2
A. C. 3—Calisthenics .....	2	or	
and		A. C. 30—Football (1st half sem.) ..	2
A. C. 10—Single Line Marching and Gymnastic Dancing .....	2	and	
Anat. 1 .....	3	A. C. 40—Basketball (2nd half sem.) ..	2
Rhet. 1—Rhetoric and Themes .....	3	Anat. 2 .....	3
Mil. 1a and 1b, 11a and 11b, 21a and 21b, or 51a and 51b—Military Drill and Theory .....	1	Rhet. 2 .....	3
Electives (academic) .....	7	Mil. 2a and 2b, 12a and 12b, 22a and 22b, or 52a and 52b—Military Drill and Theory .....	1
		Physiol. 1—General Physiology .....	2
<i>Total</i> .....	18	Electives (academic) .....	5
		<i>Total</i> .....	18

## SECOND YEAR

A. C. 31—Football (1st half sem.)... and	2	A. C. 50—Baseball .....	4
A. C. 7—Boxing (2nd half sem.) ....	1	or	
A. C. 8—Wrestling (2nd half sem.) ..	1	A. C. 31—Football (1st half sem.)... and	2
or		A. C. 7—Boxing (2nd half sem.) ....	1
A. C. 50—Baseball .....	4	and	
Psych. 1—Introduction to Psychology ..	4	A. C. 8—Wrestling (2nd half sem.)... Hyg. 10 .....	3
Physiol. 2—Physiol. of Circulation ...	3	Pub. Spkg. 2—Extempore Speaking ..	2
Pub. Spkg. 1—Oral Expression .....	2	Journ. 22—The Newspaper .....	3
Journ. 21—Collecting and Writing of News .....	3	Mil. 4a and 4b, 14a and 14b, 24a and 24b, or 54a and 54b—Military Drill and Theory .....	1
Mil. 3a and 3b, 13a and 13b, 23a and 23b, or 53a and 53b—Military Drill and Theory .....	1	Electives (academic) .....	5
Electives (academic) .....	1	<i>Total</i> .....	18
<i>Total</i> .....	18		

## THIRD YEAR

A. C. 20—Track and Field .....	4	A. C. 32—Football (1st half sem.)... A. C. 70 <sup>2</sup> —Physical Diagnosis and Medical Gymnastics .....	5
A. C. 70—Physical Diagnosis and Medical Gymnastics .....	5	A. C. 41—Basketball (2nd half sem.) ..	2
Ed. Practice 1—Practice Teaching ..	2	A. C. 60—Swimming .....	2
Ed. 25—Educational Psychology ...	3	Ed. Practice 2—Practice Teaching ..	2
Electives (academic) .....	4	Electives (academic) .....	5-10
<i>Total</i> .....	18	<i>Total</i> .....	18

## FOURTH YEAR

A. C. 15—Community Recreation ..	3	Ed. Practice 4—Practice Teaching ...	2
A. C. 16—Training and First Aid ...	1	Psych. 25—Psychology and Athletics ..	3
A. C. 17—Organization and Adminis- tration .....	2	Ed. 6—Principles of Secondary Educa- tion .....	3
Ed. Practice 3—Practice Teaching ..	2	Ed. 43—Physical and Mental Tests ..	3
Ed. 10—Technic of Teaching .....	3	A. C. 11—History and Philosophy of Physical Education .....	2
A. C. 4—Gymnastic Stunts (elective) ..	2	A. C. 12—School Programs in Phys. Ed. ....	2
Electives (academic) .....	7 or 5	Electives (academic) .....	3
<i>Total</i> .....	18	<i>Total</i> .....	18

<sup>1</sup>Semester hours. For definition, see page 223.<sup>2</sup>A. C. 70 is a one semester course, but may be taken either semester.

**GRADUATE WORK IN EDUCATION.**—Graduate work in education is offered to qualified students in the following fields: Educational administration; history of American education; educational psychology; educational statistics; educational measurements; educational theory. The facilities of the University, including the library, laboratories, and the Bureau of Educational Research, are such as to make possible the investigation of all kinds of problems connected with the development of educational practice, theory, and administration. The major purpose of graduate work in education is to train students for administrative positions or for work as educational specialists in connection with city and normal schools, colleges, and universities.

**UNIVERSITY HIGH SCHOOL.**—The laboratory work of the College of Education centers around the work of *University High School*. This school, limited to 250 students, offers the customary high-school curricula. The courses in educational practice are conducted by the instructors of the high school in connection with their high-school teaching. In this way, through observation of skilled teaching and participation, both in the student and the teacher activities, the college senior secures an unusual type of educational practice. It is believed that these courses add materially to the strength of the professional work of the College.

**BUREAU OF EDUCATIONAL RESEARCH.**—The Bureau of Educational Research is equipped for the following purposes: (a) the investigation of educational problems; (b) state service through the dissemination of information by correspondence with those making inquiry concerning the problems of education; and (c) the publication of research circulars and bulletins.

The University, through the Bureau, also offers a curriculum to prepare students for directing educational research in public schools. This curriculum is planned for three classes of students: (1) superintendents and supervisors who are directing educational research, (2) supervisors and teachers who desire to prepare themselves to direct educational research, and (3) graduate students in education.

**COMMITTEE ON APPOINTMENT OF TEACHERS.**—The Committee on Appointment of Teachers recommends qualified graduates of the University for positions as teachers or supervisors in public schools, colleges, and technical schools in response to requests from the school authorities. The Dean of the College of Education is chairman of the Committee, and the Principal of the University High School is its secretary.

**CERTIFICATION OF HIGH SCHOOL TEACHERS IN ILLINOIS.**—In Illinois high schools all teachers must be duly certificated. County high school certificates are granted on examination by county superintendents, and State high-school certificates on examination by the State Superintendent. A county high-school certificate may be granted without examination to graduates who, within three years after graduation, present certified credits to the State Examining Board in the subjects of examination, accompanied by faculty recommendation of ability to teach in the high school. Following are the requirements for securing this certificate: (1) Graduation. (2) Faculty recommendation. (3) Certified credits for: (a) 8 semester hours in English; (b) 12 semester hours in education, including Educational Psychology and Technic of Teaching; (c) 3 majors of not less than 16 semester hours in three high-school subjects of groups of related subjects; (d) 3 minors of not less than 8 semester hours each in three high-school subjects; (4) Electives sufficient to make up the remaining number of semester hours required for graduation. When an applicant has had secondary or high-school work in

any subject which is offered as a major or a minor and such secondary work is the necessary prerequisite for the college work which is offered, the same may be counted in making the majors and minors, but shall not be counted in making the total number of semester hours required for graduates.

The following subjects may be combined within their groups to form a major: Algebra and geometry; botany, zoology, physiology; physics and chemistry; two or more history courses; mechanical drawing and manual training; domestic art and domestic science.

State high-school certificates are granted under the following conditions:

"A four-year high-school certificate valid in any high school in the State, for which the requirements shall be: (1) Graduation from a recognized college or university, or the completion of an equivalent preparation; (2) three years' successful teaching, two of which shall have been in the State on a first grade, a high-school, or a supervisory county certificate; (3) a successful examination in English, educational psychology, and the principles and methods of teaching; and (4) the preparation of a thesis on one or more secondary school problems, the subjects of which shall be selected from a list prescribed by the Superintendent of Public Instruction."

Education 10 and 25 embody the materials usually covered by the State examinations in educational psychology and in methods of teaching.

REQUIREMENTS OF THE NORTH CENTRAL ASSOCIATION.—Students who anticipate teaching in high schools accredited to the North Central Association of Colleges and Secondary Schools should complete courses in education aggregating at least *fifteen* semester hours. This requirement of the Association is effective for new teachers after 1924, but is not retroactive.

## THE COLLEGE OF LAW

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For the *faculty* of the College of Law and for the *courses* in law, see under "Law" in the Description of Courses, Part III; for *fees* and *expenses*, see page 87.

The University offers in the College of Law a three-year curriculum, based on an entrance requirement of two years of college work and leading to the degree of Bachelor of Laws (LL.B.); and a four-year curriculum, based on an entrance requirement of two years of college work and leading, at the end of two years, to the degree of Bachelor of Science in Law (B.S.) and to the professional degrees of Bachelor of Laws (LL.B.) or of Doctor of Law (J.D.) on the completion of the course. The degree of Doctor of Law is also open to students in the three-year curriculum who meet the requirements.

**ADMISSION.**—*Three-Year Curriculum.* For admission to the three-year curriculum as a regular student, an applicant must be matriculated and have 60 hours of credit in a college of this University; or have completed two full years of work as given at another college or university of recognized standing, as a matriculated student in such college or university; or have received by transfer 60 hours of university credit here.

Thirty hours of law may be credited toward the degree of Bachelor of Arts in the College of Liberal Arts and Sciences or toward the degree of Bachelor of Science in the College of Commerce and Business Administration. In this manner students may secure in six years both a degree in arts or commerce and a degree in law. This combination of curricula is known as the three-three combined curriculum: see the statement about electives in law in the College of Liberal Arts and Sciences (p. 94) and the curriculum in Commerce and Law (p. 116). A candidate for both degrees must in his fourth year register in the College of Law, and also register or file a copy of his study-list in his other college, as that college may require.

*Four-Year Curriculum.*—The four-year curriculum in law leads to a first degree of Bachelor of Science in law, and a second degree of Bachelor of Laws or of Doctor of Law. This course provides a broader training for students preparing to enter the legal profession, offers an opportunity for correlating work in the College of Law with advanced courses in the social sciences. The admission requirement is 60 hours of credit (not including military and physical education) in a college of this University, or equivalent credit from another college or university of recognized standing. Students in this curriculum will normally be candidates for the degree of Bachelor of Science (B.S.) in law in two years and for the professional degree of Bachelor of Laws (LL.B.) or of Doctor of Law (J.D.) on the completion of the curriculum.

In exceptional instances, persons over twenty-one years of age may, with the approval of the Dean, be admitted as unclassified students. In determining whether a person may be admitted as an unclassified student, consideration is given to the applicant's age and experience, as bearing upon his ability to pursue law study successfully. An unclassified student is not a candidate for a degree, and credit earned by an unclassified student may not be counted toward a degree in law. Neither admission nor attendance as an

unclassified student in one semester gives a right to continue as an unclassified student in any subsequent semester. If an unclassified student's record has been in any respect unsatisfactory, the Dean may refuse permission to register in any subsequent semester. An unclassified student is not a member of the first, second, or third year classes in the College of Law, or of any class in the University.

**ADVANCED STANDING.**—Students from law schools of approved standing who comply with the requirements for admission to this school may receive by transfer not to exceed two years of credit. Students from other schools may in special cases be given advanced standing on examination on subjects taken by them in such schools.

**REQUIREMENTS FOR GRADUATION, DEGREE OF BACHELOR OF SCIENCE IN LAW.**—The degree of Bachelor of Science in law is not a professional degree. Candidates must offer 130 hours of university work; but courses open to university freshmen and sophomores will not, when taken by juniors or seniors, count for the degree, except by special recommendation of the College of Law. The required credits must include the following courses or their equivalents:

(a) *Required of all candidates:* Rhetoric 1, 2, 6 hours; University Latin, one year, for students not offering two years of high-school Latin for entrance; Mathematics, or the Physical or Natural Sciences, 10 hours; Psychology or Philosophy (a course in Logic being required), 6 hours; Law, not less than 30 or more than 40 hours.

(b) *Additional requirements for students entering from a College of Liberal Arts and Sciences:* Foreign Language (including the Latin prescribed above), English, Rhetoric (not counting Rhetoric 1 and 2), or Public Speaking, 20 hours (but in the case of a student offering for entrance three or more high-school units of foreign language this requirement will be 12 hours).

Two minors of at least 12 and 8 hours, respectively, in History, Political Science, Economics, Philosophy, Sociology, or Public Speaking.

(c) *Additional requirements for students entering from a College of Commerce and Business Administration:* Accountancy 1a, 1b, 6 hours; Business Organization and Operation 1, 3 hours; Economics 1, 3, 51, and 10, 14 hours; Additional advanced courses in Economics or Accountancy (Economics 55 being for this purpose an advanced course), 6 hours; History, Political Science, Philosophy, or Sociology, 9 hours; Foreign Language (including the Latin prescribed above), English, Rhetoric (not counting Rhetoric 1 and 2), or Public Speaking, 10 hours.

A candidate for the degree of Bachelor of Science in law who, at the beginning of an academic year, has attained sixty hours of credit, exclusive of Military Drill and Physical Education, and so is entitled to admission to the four-year curriculum in law, must register in the College of Law. If he does not so register, he will not be permitted to include courses taken during that year in making up the total of 130 hours required for the degree. However, in order to satisfy subject or group requirements for the degree, he may substitute for credits previously acquired credits obtained that year in courses falling within these requirements.

A candidate who, during an academic year, increases his college credits from under 60 hours to over that number, exclusive of Military Drill and Physical Education, may offer them all toward the 130 required hours, subject to the other requirements for the degree.

All candidates in their first year of work in the College of Law must take Contracts and Torts.

**DEGREE OF BACHELOR OF LAWS.**—The degree of Bachelor of Laws in the three-year curriculum will be conferred on students who complete eighty-four hours of law work distributed over a period equal to three academic years.

The degree of Bachelor of Laws will also be granted to students in the four-year curriculum who shall have complied with the requirements for the degree of Bachelor of Science in law and in addition shall have received credit for 56 hours in legal or other courses; provided that their total credits in law courses shall be not less than 86 hours, and provided that credits allowed in law courses in excess of 86 hours shall be confined to courses in public law or in the legal aspects of economic problems.

In either case the candidate must have pursued the courses of the first year and the second-year course in Equity Jurisdiction and have secured grades not lower than C in subjects aggregating at least three-fourths of his law work at the University.

**DEGREE OF DOCTOR OF LAW.**—The degree of Doctor of Law will be granted to students in the three-year curriculum who comply with the following conditions:

1. Secure a Bachelor's degree in the College of Liberal Arts and Sciences or in the College of Commerce and Business Administration at least two academic years prior to the completion of the courses for the degree of Doctor of Law.
2. Complete the work required for the degree of Bachelor of Laws.
3. Obtain a minimum average grade of B in College of Law. If the grade is below B, the degree conferred is Bachelor of Laws.
4. Present a thesis approved by the faculty of the College of Law, in accordance with the requirements.

The degree of Doctor of Law will be granted to students in the four-year curriculum who comply with the following conditions:

1. Complete the work required for the degree of Bachelor of Science in Law.
2. Complete the work of the four-year law curriculum with a minimum average grade of B. If the grade is below B, the degree conferred is Bachelor of Laws.
3. Present a thesis approved by the faculty of the College of Law, in accordance with the requirements.

### THREE-YEAR CURRICULUM IN LAW

#### FIRST YEAR

FIRST SEMESTER <i>Prescribed Subjects</i>		SECOND SEMESTER <i>Prescribed Subjects</i>	
	Hours <sup>1</sup>		Hours <sup>1</sup>
Law 1a—Contracts .....	4	Law 1b—Contracts .....	3
Law 2a—Torts .....	3	Law 2b—Torts .....	3
Law 5a—Criminal Law .....	2	Law 5b—Criminal Law .....	2
Law 6—Personal Property .....	2	Law 3—Real Property I, Rights in Land .....	3
Law 44—Actions .....	3	Law 11—Agency .....	3
Law 45—Legal Bibliography .....	1	Law 49—Reading Course I .....	1
<i>Total</i> .....	15	<i>Total</i> .....	15

<sup>1</sup>Semester hours. For definition, see page 223.

## SECOND YEAR

The student is required to take the course in Equity in his second year, and is advised to include in the courses of that year Common Law Pleading, Evidence, Real Property II (Titles), and Equity Pleading.

## THIRD YEAR

The student is advised to include in the courses of his third year Private Corporations, Constitutional Law, Conflict of Laws, Illinois Procedure, and the Practice Court.

**CREDIT FOR COURSES IN OTHER COLLEGES.**—A student registered in the College of Law may count toward a law degree the courses in Advanced Accounting and Auditing (Accountancy 3a-3b); Corporation Management and Finance (Econ. 10); English Constitutional History (Hist. 44a-44b); Public International Law (Pol. Sci. 6a, 6b, Law 30a, 30b); Argumentation (Public Speaking 3); Debate (Public Speaking 4); provided that the courses are taken while registered in the College of Law; that the total of credits for such courses shall not exceed ten; and that no such credit shall be so counted which is also counted to make up the sixty hours of college work required for a law degree or toward the degree of Bachelor of Arts or of Bachelor of Science.

## SUGGESTED COMBINED CURRICULUM FOR STUDENTS FROM A COLLEGE OF LIBERAL ARTS AND SCIENCES

## FIRST YEAR

FIRST SEMESTER		SECOND SEMESTER	
	Hours <sup>1</sup>		Hours <sup>1</sup>
Mil. 1a and 1b, 11a and 11b, 21a and 21b, or 51a and 51b—Military Drill and Theory .....	1	Mil. 2a and 2b, 12a and 12b, 22a and 22b, or 52a and 52b—Military Drill and Theory .....	1
Phys. Ed. 1—Gymnasium Practice ..	1½	Phys. Ed. 2—Gymnasium Practice ..	1
Hyg. 1—Hygiene (Men) .....	1½	Rhet. 2—Rhetoric and Themes .....	3
Rhet. 1—Rhetoric and Themes .....	3	Mathematics or Science .....	5
Mathematics .....	5	Latin 11b <sup>2</sup> —Beginning Latin, or Modern Language .....	4
Latin 11a <sup>2</sup> —Beginning Latin, or Modern Language .....	4	Acc'y 1b—Principles of Accounting ..	3
Acc'y 1a—Principles of Accounting ..	3		
<i>Total</i> .....	17	<i>Total</i> .....	17

## SECOND YEAR

Mil. 3a and 3b, 13a and 13b, 23a and 23b, or 53a and 53b—Military Drill and Theory .....	1	Mil. 4a and 4b, 14a and 14b, 24a and 24b, or 54a and 54b—Military Drill and Theory .....	1
Econ. 1—Principles of Economics (5) and		Philos. 1—Logic .....	3
Pub. Sp. 1—Oral Expression (2) .....	7	Engl. 20—Writers of the 19th Century (4) and	
Econ. 2—Principles of Economics (3) and		Pub. Sp. 2—Extemp. Sp. (2) and 6 hours chosen from: <sup>3</sup> .....	12
Engl. 1—Survey of English Literature (4)		Econ. 3—Money and Banking (3)	
Hist. 2a—English History .....	3	Hist. 3b—History of the United States (3)	
Hist. 3a—History of the United States	3	Pol. Sci. 3—State and Local Gov. (3) or <sup>4</sup>	
Pol. Sci. 1—American Nat. Government .....	3	Engl. 2—Survey of English Lit. (4)	
<i>Total</i> .....	17	Econ. 3—Money and Banking (3) .....	13
		Hist. 3b—History of the U. S. (3)	
		Pol. Sci. 3—State and Local Gov. .....	16 or 17

<sup>1</sup>Semester hours. For definition, see page 223.

<sup>2</sup>For students not offering two years of high-school Latin for entrance to the University.

<sup>3</sup>For students who take Econ. 1 and Pub. Sp. 1 in the first semester.

<sup>4</sup>For students who take Econ. 2 and Engl. 1 in the first semester.

## THIRD YEAR

Law 1a—Contracts .....	4	Law 1b—Contracts .....	3
Law 2a—Torts .....	3	Law 2b—Torts .....	3
Law 4a—Actions .....	3	Law 4b—Reading Course I .....	1
Hist. 44a—Constitutional Hist. of England .....	3	Pol. Sci. 18—Legislation in the United States .....	3
Other Electives—see below .....	3	Hist. 44b—Constitutional Hist. of England .....	3
<b>Total</b> .....	<b>16</b>	Other Electives—see below .....	<b>3</b>

**Total** ..... 16

The courses in Contracts and in Torts must be taken in this year. As electives for this year, other than those specified above, attention is invited to the following courses: For the first semester, English 21, 23, 52, 54; Public Speaking 3; Sociology 1; Political Science 9. For the second semester, English 22, 23, 49, 54; Philosophy 2; Public Speaking 4; Sociology 1, 3.

## FOURTH YEAR

Law 6—Personal Property .....	2	Law 3—Real Property I .....	3
Law 5a—Criminal Law .....	2	Law 11—Agency .....	3
Law 12a—Equity Jurisdiction I ....	4	Law 5b—Criminal Law .....	2
Law 45—Legal Bibliography .....	1	Law 22—Constitutional Law .....	5
Other Electives—see below .....	6	Other Electives—see below .....	3

**Total** ..... 15

**Total** ..... 16

As electives for this year attention is invited to the courses suggested as electives for the third year, and also to the following courses, of which some must and the rest well may be postponed to the fourth year. For the first semester, Economics 41, 51; Political Science 6a. For the second semester, Economics 42, 52; History 42; Philosophy 5, 7; Political Science 6b; Sociology 9, 25.

## FIFTH AND SIXTH YEARS

Sufficient work in law must be taken in these years to bring the students' total credits in law courses in these and in previous years to 86 hours. Credits in law courses in excess of 86 hours will be confined to courses in Public Law or in the legal aspects of economic problems. Courses other than law courses which may well be taken in the fifth and sixth years include: Economics 10, 11, 44, and 55, and Political Science 4 and 18.

## SUGGESTED COMBINED CURRICULUM FOR STUDENTS FROM A COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

## FIRST YEAR

The same as for students from a college of Liberal Arts and Sciences

## SECOND YEAR

## FIRST SEMESTER

Hours<sup>1</sup>

Mil. 3a and 3b, 13a and 13b, 23a and 23b, or 53a and 53b—Military Drill and Theory .....	1
Acc'y 2a—Intermediate Accounting. ....	3
Econ. 1—Principles of Economics ...	5
Hist. 3a—History of the United States ...	3
Philos. 1—Logic .....	3
Pol. Sci. 1—American Nat. Government .....	3
<b>Total</b> .....	<b>18</b>

## SECOND SEMESTER

Hours<sup>1</sup>

Mil. 4a and 4b, 14a and 14b, 24a and 24b, or 54a and 54b—Military Drill and Theory .....	1
Acc'y 2b—Intermediate Accounting. ....	3
Econ. 3—Money and Banking .....	3
Bus. Organization and Operation I. . .	3
Engl. 20—Writers of the 19th Century <sup>2</sup> ..	4
Hist. 3b—History of the United States .....	3
<b>Total</b> .....	<b>17</b>

<sup>1</sup>Semester hours. For definition, see page 223.

<sup>2</sup>If Philosophy is taken in the second semester instead of the first, it will be feasible to substitute Public Speaking 1 and 2 for English 20.



## THIRD YEAR

Law 1a—Contracts .....	4	Law 1b—Contracts .....	3
Law 2a—Torts .....	3	Law 2b—Torts .....	3
Law 44—Actions .....	3	Law 49—Reading Course I .....	1
Acc'y 3a—Advanced Accounting ...	3	Pol. Sci. 18—Legislation in the United States .....	3
Hist. 44a—Constitutional Hist. of England .....	3	Acc'y 3b—Auditing or Acc'y 4b—Systems .....	3 or 2
<i>Total</i> .....	16	Econ. 10—Corporation Management and Finance .....	3
		<i>Total</i> .....	15 or 16

## FOURTH YEAR

Law 5a—Criminal Law .....	2	Law 5b—Criminal Law .....	2
Law 6—Personal Property .....	2	Law 3—Rights in land or	
Law 12a—Equity Jurisdiction I ....	4	Law 9—Sales .....	3
Law 45—Legal Bibliography .....	1	Law 11—Agency .....	3
Law 15—Bills and Notes .....	3	Law 19—Partnership or	
Econ. 51—Public Finance .....	3	Law 28—Insurance .....	2
<i>Total</i> .....	15	Philos. 2—Introduction to Philosophy or	
		Philos. 7—Ethics .....	3
		Philos. 9—Political and Social Ethics or	
		Advanced Economics or Accountancy	3
		<i>Total</i> .....	16

## FIFTH AND SIXTH YEARS

The same as for students from a College of Liberal Arts and Sciences

**THE LAW LIBRARY.**—The Law Library contains over 32,000 volumes, including all the reports of the courts of last resort of all the states; the United States Supreme, Circuit, and District Court reports; the National Reporter System; the English reports; the Irish reports; the Scotch appeal cases; the current Canadian and Australian reports, and complete reports of several of the Canadian provinces; the statutes of the various states; several sets of selected cases, such as the American Reports, American State Reports, American Decisions, Lawyers' Reports (Annotated), and American and English encyclopedias and digests; and a full collection of standard text-books and legal periodicals.

**PURPOSE AND METHOD OF INSTRUCTION.**—The method of instruction is chiefly the study and discussion of decided cases, with collateral reading of statutes, selections from standard treatises, and periodicals, accompanied by free discussion in the class room. The aim is to train the student in habits of legal reasoning as well as to impart a thoro knowledge of the law as it actually is.

The criticism frequently urged against law schools that they do not give practical training in practice and procedure has been met by the establishment of suitable courses aimed to give skill and facility in the application of legal rules. This work is covered by several special courses.

First year men are instructed in legal bibliography and are drilled in the use of digests and reports. In the courses in common law pleading, equity pleading, and Illinois procedure, practical exercises are given in drafting and

criticising pleadings and other litigious papers. The course in conveyancing offers training in the examination of abstracts of title covering a great variety of transfers and proceedings, and includes practical problems in drafting contracts, deeds, and other legal documents.

The sessions of the Practice Court are open to members of the third year class. The court is presided over by Judge O. A. Harker, who has had an experience of twenty-five years as a judge of the Circuit and Appellate Courts of Illinois. It is the purpose to have the proceedings of the Practice Court conform to proceedings in the various courts of the state. Students are trained in the preparation of pleadings, brief making, legal investigation and argument, the preparation of legal documents, and in the trial of cases, both civil and criminal.

**SCHOLARSHIPS.**—Eight scholarships are open to matriculated students of the first and second years, to be awarded at the end of each year, four of \$37.50 each semester and four of \$18.75 each semester, available in discharge of incidental fees.

**ILLINOIS LAW QUARTERLY.**—The *Illinois Law Quarterly* is devoted to the scientific study and investigation of the law, and gives particular attention to problems of interest to the Bar of Illinois. It is edited by the faculty and a board of student editors, the members of which are chosen primarily on the basis of scholarship. The publication of the *Quarterly* and its use in connection with various courses are a part of the educational program of the College of Law.

**ORDER OF THE COIF.**—Each year ten percent of the senior class (or a minimum of three) are eligible to the Order of the Coif, a national honorary law society organized to promote scholarship in law, which was established at the University in 1904. Elections of seniors to the Order of the Coif are held at the beginning of the second semester.

## THE SCHOOL OF MUSIC

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For *admission* to the School of Music, see the general statement of entrance requirements of the University, pages 58-74. For *fees* see page 87. For the *faculty* of the School of Music and description of the *courses* in music, see under "Music" in the "Description of Courses," Part III.

The University offers in the School of Music regular courses leading to the degree of Bachelor of Music.

In conjunction with the College of Education the degree of Bachelor of Science in Music Education is offered to students completing the curriculum in Public School Music. (See page 157.)

A student matriculated in the School of Music takes throughout his course two applied subjects, one a major (piano, voice, etc.) in which two half-hour lessons a week are taken, and the other a minor in which two twenty-minute lessons a week are taken.

Students of the School of Music are not allowed to participate in any musical activity outside the University without the consent of the Director of the School of Music.

All courses in History, Theory, and Appreciation of Music are open to students free of charge.

The University Choral Society and the University Orchestra are open to qualified persons from any College.

For the requirements for admission, see pages 58 to 74.

**GRADUATION.**—Candidates for the degree of Bachelor of Music must offer credit for 130 semester hours, including the prescribed subjects named below, one of which must be piano.

All music students are required to attend the concerts and recitals which are given under the auspices of the School of Music. More than three unexcused absences during the semester will affect the grade of the major practical subject, of which this required attendance is a part.

Public performance being also a part of the course of study in a practical subject, all students are required to participate in a program when sufficiently prepared.

## CURRICULUM IN MUSIC

Leading to the degree of Bachelor of Music—*Instrumental Major* (Piano, Organ, or Violin)

## FIRST YEAR

## FIRST SEMESTER

	Hours <sup>1</sup>
Mus. 3—Harmony .....	2
Mus. 19—Rudiments of Theory ....	1
Mus. 21—E. Tr. & S. Singing.....	1
Mus. 42a, 62a, or 82a—Piano, Violin, or Organ (Major subj.) .....	4 <sup>2</sup>
Mus. 46a, 56a, 66a, or 86a—Piano, Voice, Violin, or Organ (Minor subj.)	3 <sup>3</sup>
Rhet. 1—Rhetoric and Themes .....	3
Phys. Ed. 7a—Gymnasium (women) ..	1
Hygiene 2—Hygiene (women) .....	1
Phys. Ed. 1—Gymnasium (men) ....	1½
Hyg. 1—Hygiene (men).....	½
Mil. 1a and 1b, 11a and 11b, 21a and 21b, or 51a and 51b—Military Drill and Theory .....	1
<i>Total, Men</i> .....	16
<i>Total, Women</i> .....	16

## SECOND SEMESTER

	Hours <sup>1</sup>
Mus. 4—Harmony .....	2
Mus. 20—Rudiments of Theory.....	1
Mus. 22—E. Tr. & S. Singing .....	1
Mus. 42b, 62b, or 82b—Piano, Violin, or Organ (Major subj.) .....	4 <sup>2</sup>
Mus. 46b, 56b, 66b, or 86b—Piano, Voice, Violin, or Organ (Minor subj.)	3 <sup>3</sup>
Rhet. 2—Rhetoric and Themes .....	3
Phys. Ed. 7b—Gymnasium (women) ..	1
Phys. Ed. 2—Gymnasium (men) ....	1
Mil. 2a and 2b, 12a and 12b, 22a and 22b, or 52a and 52b—Military Drill and Theory .....	1
<i>Total, Men</i> .....	16
<i>Total, Women</i> .....	15

## SECOND YEAR

Mus. 1—History of Music.....	2
Mus. 5—Advanced Harmony .....	3
Mus. 23—Ear Tr. & S. Singing .....	1
Mus. 43a, 63a, or 83a—Piano, Violin, or Organ (Major subj.) .....	4
Mus. 46c, 56c, 66c, or 86c—Piano, Voice, Violin, or Organ (Minor subj.)	3
Foreign Language—(French or Ger- man) .....	4
Phys. Ed. 8a—(women) .....	1
Mil. 3a and 3b, 13a and 13b, 23a and 23b, or 53a and 53b—Military Drill and Theory .....	1
<i>Total</i> .....	18

Mus. 2—History of Music .....	2
Mus. 6—Advanced Harmony .....	3
Mus. 24—Ear Tr. & S. Singing .....	1
Mus. 43b, 63b, or 83b—Piano, Violin, or Organ (Major subj.) .....	4
Mus. 46d, 56d, 66d, or 86d—Piano, Voice, Violin, or Organ (Minor subj.)	3
Foreign Language—(French or Ger- man) .....	4
Phys. Ed. 8b—(women) .....	1
Mil. 4a and 4b, 14a and 14b, 24a and 24b, or 54a and 54b—Military Drill and Theory .....	1
<i>Total</i> .....	18

## THIRD YEAR

Mus. 7—Counterpoint, Canon, Fugue ..	3
Mus. 44a, 64a, or 84a—Piano, Violin, or Organ (Major subj.) .....	5 <sup>2</sup>
Mus. 46e, 56e, 66e, or 86e—Piano, Voice, Violin, or Organ (Minor subj.)	3
English or American Literature .....	4
<i>Total</i> .....	15

Mus. 8—Counterpoint, Canon, Fugue ..	3
Mus. 44b, 64b, or 84b—Piano, Violin, or Organ (Major subj.) .....	5
Mus. 46f, 56f, 66f, or 86f—Piano, Voice, Violin, or Organ (Minor subj.)	3
English or American Literature .....	4
Mus. 100—Recital .....	2
<i>Total</i> .....	17

## FOURTH YEAR

Mus. 9—Analysis, Musical Form ....	2
Mus. 15—Instrumentation .....	1
Mus. 45a, 65a, or 85a—Piano, Violin, or Organ .....	5
Mus. 46g, 56g, 66g, or 86g—(Minor subj.) .....	3
Electives .....	5
<i>Total</i> .....	16

Mus. 10—Analysis, Musical Form....	2
Mus. 16—Instrumentation .....	1
Mus. 45b, 65b, or 85b—Piano, Violin, or Organ .....	5
Mus. 46h, 56h, 66h, or 86h—(Minor subj.).....	3
Mus. 101—Recital .....	4
<i>Total</i> .....	15

<sup>1</sup>Semester hours. For definition, see page 223.<sup>2</sup>Two half-hour lessons per week, with two hours practice daily.<sup>3</sup>Two twenty-minute lessons per week, with one hour practice daily.

*Electives Suggested*

Psychology .....	4	Music Appreciation .....	1
English .....	2-4	Course in Accompanying .....	1
Keyboard Harmony .....	2		

## CURRICULUM WITH MAJOR IN VOCAL MUSIC

The first and second years are the same as in the instrumental major curriculum, except that voice is the major practical subject.

At least eight hours each of French, German, and Italian are required for the vocal major. One of the languages is to be taken in the sophomore year, and a *second* language in the junior year. If the student has not presented for admission at least two units of the *third* language, he must elect this language in the senior year. Otherwise, a course in English is advised for this elective.

## THIRD YEAR

FIRST SEMESTER		SECOND SEMESTER	
	Hours <sup>1</sup>		Hours <sup>1</sup>
Mus. 7—Counterpoint, Canon, Fugue .....	3	Mus. 8—Counterpoint, Canon, Fugue .....	5
Mus. 13—Music Appreciation .....	1	Mus. 14—Music Appreciation .....	1
Mus. 54a—Voice (Major subj.) .....	4	Mus. 54b—Voice (Major subj.) .....	4
Mus. 46e—Piano (Minor subj.) .....	3	Mus. 46f—Piano (Minor subj.) .....	3
Foreign Language .....	4	Mus. 100—Recital .....	2
		Foreign Language .....	4
<i>Total</i> .....	15	<i>Total</i> .....	17

## FOURTH YEAR

Mus. 9—Analysis, Musical Form ...	2	Mus. 10—Analysis, Musical Form...	2
Mus. 55a—Voice (Major subj.) .....	4	Mus. 55b—Voice (Major subj.) .....	4
Mus. 46g—Piano (Minor subj.) .....	3	Mus. 46h—Piano (Minor subj.) .....	3
Restricted Elective <sup>2</sup> .....	5	Mus. 102—Recital .....	3
		Restricted Elective <sup>2</sup> .....	5
<i>Total</i> .....	14	<i>Total</i> .....	17

**THEORY MAJOR.**—A student may take a major in Theory of Music only on recommendation of the Director. In addition to the complete Theory course offered in the instrumental major, he must complete the courses in Advanced Composition (Music 11 and 12), and in Advanced Orchestration (Music 17 and 18). In addition he must present a recital during the senior year of his own compositions and orchestral arrangements. His work in applied music must be equivalent to that of three years of collegiate study. A thesis is required.

**MUSICAL ORGANIZATIONS.**—The University Choral Society is conducted by the Director of the School of Music, and gives two choral concerts during the year. The chorus meets once a week. Members of the faculty, students of the University, and singers of the community are admitted by examination or conference with the Director.

<sup>1</sup>Semester hours. For definition, see page 223.

<sup>2</sup>See paragraph above relating to language requirements.

The University Orchestra is conducted by the Director of the University Bands, and meets for rehearsal once a week. Concerts are given throughout the year. It is open to all students who qualify for membership.

**JUILLIARD SCHOLARSHIPS AND FELLOWSHIPS.**—The Juilliard Musical Foundation, established in July, 1919, by the will of the late Augustus D. Juilliard of New York City, provides aid for worthy students in music at various institutions, including this University, in the form of scholarships and fellowships.

Scholarships are awarded to seniors and juniors and the fellowship assigned to this University is awarded to a recent graduate of the School of Music. Both awards are made by vote of the faculty of the School of Music which also determines the division of the scholarship stipend.

## THE LIBRARY SCHOOL

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For a description of the *Library Building*, see page 50, for an account of the *libraries* themselves, see page 52; for the *collection in library economy*, see page 52; for *fees*, see page 87.

The University offers through the Library School a two-year curriculum for college graduates who wish to enter librarianship as a profession, and certain library courses for students in other schools and colleges of the University who may wish to elect them as a part of their training. The instruction in the first or junior year covers the generally accepted methods and practices in library work; students who complete this year's work are prepared to accept positions in library service. In the second or senior year emphasis is placed on historical and comparative methods of treatment; new subjects are introduced to give the student the necessary outlook and equipment for more responsible positions. Altho stress is laid on simplicity and economy, methods are taught to enable students to work in large libraries where bibliographic exactness is required. Emphasis is laid on the extension of the activities of the public library, and on the importance of cooperation between the library and the schools and other educational and social agencies.

A member of the senior class in any other school or college of the University may, with the approval of the Director of the Library School, elect any course for which he is prepared. The school offers to freshmen and sophomores a course on the use of the library and the ordinary reference books.

For the requirements for admission, see pages 58-74.

**RECOMMENDED PRELIMINARY CURRICULUM.**—Undergraduates who intend, on the completion of their college work, to apply for admission to the Library School, are requested to select their courses so as to conform in general to the following recommended program of studies preparatory to library work.

English literature, 10<sup>1</sup>; Rhetoric, 6.

Latin, 8, in addition to four years of high school Latin.

German, 12, in addition to two years of high school German.

French, 8, in addition to two years of high school French.

German and French begun in college instead of in high school should be continued for a longer period.

Medieval and modern European history, 6; history of England, 6; history of the United States, 6.

Economics, 6; political science, 4; sociology, 6; philosophy, 4; general psychology, 4; zoology, 6; botany, 4; chemistry or physics, 6.

The total of this work is 102 semester hours, leaving the equivalent of about one year of a four-year course free for work in other subjects or for more work in the subjects named.

**ADVANCED STANDING.**—College graduates who have had approved library experience or who have attended other library schools may be accorded

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<sup>1</sup>The figure after each subject denotes the minimum number of semester hours which the student should devote to that subject.

advanced standing by securing credit for some of the courses required for graduation. After satisfying all entrance requirements and after matriculation, the applicant for advanced standing may secure such credit either by examination or by transfer of credits from an approved institution offering courses in library economy. (See page 66.)

**PREPARATION FOR SPECIAL LIBRARIES.**—For students who plan to work in special libraries, a modification of the senior course is encouraged. A student who has completed the work of the junior year may petition for such modification, provided he intends to work in a business, technical, agricultural, or other special library, and provided his undergraduate courses included sufficient work in the field in which he expects to specialize. In such instances, the faculty may permit the student to substitute for certain of the Library School courses such electives in the various colleges of the University as will fit the student for special library work in the subject selected.

**LIBRARY VISITS AND FIELD WORK.**—Each year all the students in the School visit the libraries and certain of the book binderies, book stores, and printing establishments of either Chicago and vicinity or St. Louis and vicinity. During this visit, which occupies one week, the students are accompanied by members of the faculty. The estimated expense of this visit is about \$30 for each trip. Students are required to present a written report on their return to the University, as the work forms part of Library 23 and Library 26.

Each student in the senior year is required to spend one month in an assigned library, usually a public library, working under the same conditions as a member of the staff of that library, but without compensation. Written and oral reports are required, as the work forms part of Library 26. The expense for the month of field work has been about \$50.

**CURRICULUM.**—The curriculum is two years in length. For graduation a student must receive credit for all courses except those marked with an asterisk (\*), which are elective. The degree of Bachelor of Library Science is conferred on a student who has completed the required work in the two years' curriculum, and has received credit in courses amounting to 62 semester hours.

### JUNIOR YEAR

#### FIRST SEMESTER

	Hours <sup>1</sup>
Lib. Sc. 2a—Reference .....	3
Lib. Sc. 3a—Selection of Books .....	2
Lib. Sc. 16—Order and Accession ...	2
Lib. Sc. 17—Classification .....	3
Lib. Sc. 18—Cataloging .....	3
Lib. Sc. 20—Loan Department .....	1
Lib. Sc. 23a—Library Administration ..	1
<i>Total</i> .....	15

#### SECOND SEMESTER

	Hours <sup>1</sup>
Lib. Sc. 2b—Reference .....	3
Lib. Sc. 3b—Selection of Books ....	2
Lib. Sc. 30—Practice .....	3
Lib. Sc. 7—History of Libraries ....	2
Lib. Sc. 19—Trade Bibliography ...	1
Lib. Sc. 21—Printing, Binding, In-	
dexing .....	2
Lib. Sc. 22—Library Extension .....	3
Lib. Sc. 23b—Library Administration	1
<i>Total</i> .....	17

<sup>1</sup>Semester hours. For definition, see page 223.



## SENIOR YEAR

## FIRST SEMESTER

Hours<sup>1</sup>

Lib. Sc. 41a—Subject Bibliography..	1
*Lib. Sc. 8—Advanced Reference....	2
Lib. Sc. 40a—Practice .....	3
Lib. Sc. 13a—Public Documents ....	2
Lib. Sc. 15a—Seminar .....	2
Lib. Sc. 24a—Selection of Books ....	2
Lib. Sc. 26a—Library Administration	3
*Lib. Sc. 27—Bibliographical Institu- tions .....	1
<i>Total</i> .....	16

## SECOND SEMESTER

Hours<sup>1</sup>

Lib. Sc. 41b—Subject Bibliography .	1
Lib. Sc. 9—History of Printing .....	2
Lib. Sc. 40b—Practice .....	3
*Lib. Sc. 42—Public Documents ....	3
Lib. Sc. 15b—Seminar .....	2
Lib. Sc. 24b—Selection of Books ....	2
Lib. Sc. 26b—Library Administration	3
*Lib. Sc. 28—Practice .....	1 to 4
*Lib. Sc. 29—Advanced Classification	2
*Lib. Sc. 43—High School Library Administration .....	2
<i>Total</i> .....	21 to 24

**LIBRARY CLUB.**—Any member of the Library School faculty or of the staff of the University Library and any student in the Library School may become a member. Six meetings are held each year.

**VISITING LECTURERS.**—In addition to the courses of the regular two years' curriculum, the School also offers to its students the advantages of hearing lectures by men and women prominent in bibliographical and library fields. From eight to ten such additional lectures on subjects connected with librarianship are given each year.

<sup>1</sup>Semester hours. For definition, see page 223.

## THE SCHOOL OF RAILWAY ENGINEERING AND ADMINISTRATION

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The School of Railway Engineering and Administration has been established to prepare men for the technical and administrative departments of railroads. The work offered is arranged in five different curricula, any one of which is designed to occupy four years' time. The curricula are:

- Railway Civil Engineering
- Railway Electrical Engineering
- Railway Mechanical Engineering
- Railway Administration
- Railway Transportation

The first three of these curricula are administered by the College of Engineering, and a description of them appears with that of other curricula offered by this College. Students are admitted to them under the same conditions as to other curricula of the College of Engineering, and they have available for their use all of the library, drafting-room, and laboratory facilities which constitute the equipment of this College. The last two curricula are administered by the College of Commerce and Business Administration; they are described in detail in connection with the other curricula of this College. Students are admitted to them under the same conditions as to other curricula of the College of Commerce and Business Administration.

It is the purpose of each of these curricula to add to a foundation of general discipline specialized training for those who look forward to careers in railway service.

# THE GRADUATE SCHOOL

## THE EXECUTIVE FACULTY

DAVID KINLEY, PH.D., LL.D., PRESIDENT OF THE UNIVERSITY

ARTHUR HILL DANIELS, PH.D., *Professor of Philosophy and Dean of the Graduate School*

ROGER ADAMS, PH.D., *Professor of Organic Chemistry*

WILLIAM LEONIDAS BURLISON, PH.D., *Professor of Crop Production*

EDWARD HERBERT CAMERON, PH.D., *Professor of Educational Psychology*

ALBERT PRUDEN CARMAN, A.M., D.Sc., *Professor of Physics*

LAURENCE MARCELLUS LARSON, PH.D., *Professor of History*

WILLIAM ABBOTT OLDFATHER, PH.D., *Professor of Classics*

HENRY PERLEY RUSK, M.S., *Professor of Beef Cattle Husbandry*

STUART PRATT SHERMAN, PH.D., Litt.D., *Professor of English*

ARTHUR NEWELL TALBOT, C.E., D.Sc., D.ENG., *Professor of Municipal and Sanitary*

*Engineering and in charge of Theoretical and Applied Mechanics*

EDGAR JEROME TOWNSEND, PH.D., LL.D., *Professor of Mathematics*

HENRY BALDWIN WARD, PH.D., D.Sc., *Professor of Zoology*

GORDON S WATKINS, PH.D., *Associate Professor of Economics*

ARTHUR CUTTS WILLARD, B.S., *Professor of Heating and Ventilation*

GEORGE PHILIP TUTTLE, JR., B.S., *Registrar, Secretary of the Faculty*

The University offered facilities for advanced study and research in various lines as early as 1872. Organized graduate instruction, however, under the name of the Graduate School, was first undertaken in 1892. In 1894 the administration of the school was vested in the Council of Administration, and the Vice-President of the University became Dean of the School. In 1906 the Graduate School was organized as a separate faculty, consisting of a dean and members of the University faculty assigned to this duty by the President.

By action of the Trustees the teaching faculty of the Graduate School includes all members of the University faculty who give instruction in approved graduate courses. The affairs of the School, however, are in charge of the Executive Faculty appointed each year by the President.

ADMISSION.—Admission to the Graduate School may be granted to graduates of institutions whose requirements for the bachelor's degree are substantially equivalent to those of the University, and to applicants from other institutions approved by the Executive Faculty. *Admission to the Graduate School does not, however, imply admission to candidacy for an advanced degree, and gives no right or claim to be so admitted. Such candidacy is determined by the Faculty after the student has demonstrated by his work here, for from two to five months, that he has the ability to do major work of graduate character. A mere accumulation of "credits" or "grades" is not sufficient.*

Admission to graduate courses may be granted only to those who have had the requisite undergraduate work in those courses or departments. But a student of mature age who satisfies the Dean and the department concerned of his ability to pursue graduate work in a given line may be enrolled in particular graduate courses, without reference to a degree, and permitted to carry on such study or investigation under the direction of a department of the University as the department shall recommend and the Dean approve.

Application blanks for admission may be secured from the Registrar of the University. Every applicant must submit with his application for admission an official transcript of his college record.

**CHARACTER OF GRADUATE WORK.**—The principal aim of graduate study is the development of the power of independent work and the promotion of the spirit of research. Each candidate for a degree is expected to have a wide knowledge of his subject and of related fields of work; for the graduate student is not expected to get from lecture and laboratory courses all the knowledge and training necessary to meet the requirements for his degree.

**GRADUATE STUDY IN THE SUMMER.**—Graduate students in the summer session are subject to the same scholastic requirements as those in the regular University year. Their study lists must be approved by the Dean of the Graduate School, or his representative. Attendance during four summer sessions, or one semester and two summer sessions, is considered the equivalent of one year in residence. If in these sessions the required amount of work is properly done a master's degree may be earned in this way. The faculty is unwilling to accept summer-session work beyond the master's degree towards the doctors degree, except in the case of a student who works in a summer session preceding or following a regular year's attendance at the University. In no case may the last year's work for the doctorate be done in disconnected summer sessions.

No course offered in the summer session may be taken for credit towards a higher degree unless it is specially described in the summer-session circular as accepted for that purpose.

**SUMMER WORK IN MEDICAL SCIENCES.**—Graduate courses in medical sciences are offered in the summer quarter between June and September at the College of Medicine of the University in Chicago.

**MASTERS' DEGREES.**—The master's degree conferred depends on the character of the bachelor's degree. The A.M. usually follows A.B., M.S. follows B.S. However, this sequence may be departed from in cases where the undergraduate course of study of the candidate was of a kind for which some institutions give A.B., while others give B.S.

Candidates for the degree of Master of Arts or Master of Science are required to do at least one full year's work in residence, including a thesis. By this is meant from four to five units courses each semester or their equivalent. A unit course is one which requires ten hours of time a week through one semester, or a minimum of 180 hours, irrespective of the mode of distribution of that time in class work, laboratory work, and private study.

Students in zoology who take work in a marine or fresh-water biological laboratory or station are permitted to offer not less than six weeks nor more than nine weeks of such work in partial fulfillment of the requirement for the master's degree<sup>1</sup>.

Similar arrangements are made for students of geology in connection with Geological Surveys.

A candidate for a master's degree may do all his work in one subject, or he may select a major and one minor, or a major and two minors. A major or minor denotes the field of knowledge of a department, or such part thereof as constitutes a separate and independent division of that field.

<sup>1</sup>The experience at a marine laboratory, which as indicated above, is optional with the candidate for the master's degree, is required of all candidates for the doctorate in zoology.

The ability to use one or more of the modern languages ordinarily studied in the undergraduate curriculum is expected of all candidates for the master's degree, and in some lines of study is required.

Each candidate for a master's degree is required to present a thesis on some subject approved by the professor in charge of his major work and the Executive Faculty of the Graduate School. Such approval, except in case of students working for a master's degree in summer sessions only, must be secured not later than six weeks from the time when the student begins his year of residence. Students working for a master's degree exclusively in summer sessions must announce their thesis subjects not later than the beginning of their third session in residence. The requirement of a thesis may be waived, however, on the recommendation of the head of the department in which the student is doing his major work and the approval of the Dean, provided application to waive the thesis is made at the time for announcing thesis subjects. A student excused from writing a thesis must replace it with additional courses of instruction.

The thesis in its final form, together with a certificate of approval by the proper officer, must be left by the professor in charge at the Dean's office at least two weeks before the date on which the degree is to be conferred. No article prepared for another use, or previously published, will be accepted as a thesis.

Under proper conditions a student may be permitted to complete the last fourth of his work, if devoted to his thesis, under leave of absence.

Students' work is graded in five classes, A, B, C, D, and E. The last indicates a failure. D indicates unsatisfactory, tho passable work.

**SECOND DEGREES IN ENGINEERING.**—Two classes of second degrees are open to graduates of the College of Engineering, namely, academic and professional.

The academic second degree in engineering is Master of Science, following Bachelor of Science, in architecture, architectural engineering, civil engineering, electrical engineering, etc. This degree is conferred in accordance with the regulations described above for *academic work in residence only*.

The *professional* second degrees in engineering are as follows:

Master of Architecture, after B.S. in architecture.

Architectural Engineer, after B.S. in architectural engineering.

Ceramic Engineer, after B.S. in ceramic engineering.

Civil Engineer, after B.S. in civil engineering or B.S. in municipal and sanitary engineering.

Electrical Engineer, after B.S. in electrical engineering.

Mechanical Engineer, after B.S. in mechanical engineering.

Engineer of Mines, Civil Engineer, Electrical Engineer, or Mechanical Engineer, after B.S. in mining or railway engineering, according to the course.

Professional degrees are conferred on two classes of candidates: (1) graduates of the College of Engineering of the University who have been engaged in acceptable professional work away from the University for a period of not less than three years after receiving the degree of Bachelor of Science; (2) graduates of the University, or of institutions of equal standing who have been engaged in acceptable professional work in residence at the University for a period of not less than three years after receiving the degree of Bachelor of Science.

In "acceptable professional work" may be included contributions to technical literature, activity in professional societies, investigation of engineering problems, and the teaching of engineering subjects.

A candidate must declare his candidacy and file with the Dean of the College of Engineering, as chairman of the committee in charge, a detailed statement covering his professional study and experience, not later than the first Monday in November preceding the commencement at which he proposes to qualify. Prior to December 31 next succeeding, he must submit for approval an outline of his proposed thesis and he must file his completed thesis not later than April 1. If the statement of professional experience and study and the thesis are accepted, the candidate must present himself at commencement in order to receive the degree.

Candidates for professional engineering degrees who already hold the degree of Master of Science may qualify for the professional degree after two years of professional work.

A candidate for a professional engineering degree must pay the incidental fee of fifty dollars on being notified that his professional study and experience are accepted as qualifying him to enter as a candidate for the degree. No one will be enrolled as a candidate for the degree at the following commencement who does not pay his fee at this time. When a candidate for a professional engineering degree has been accepted and paid his fee, he is eligible to receive the degree at any time within five years, without additional fee, on completion of the requirements; provided, however, that unless he completes the requirements within two years his name will be dropped from the list of candidates and in order to receive the degree within the five-year period he must register once more.

**THE DEGREE OF DOCTOR OF PHILOSOPHY.**—Each student who is seeking the degree of Doctor of Philosophy is expected to choose for study and final examination a major subject, or field of study, and a first and a second minor. The major subject is the field in which the student expects to become expert and an authority.

One minor must be a subject closely related to the major and may, under certain conditions and with proper approval, be a division of the major field of study. The remaining minor must be taken from a department of study other than that of the major.

For the doctor's degree no definite division of a student's time among major and minors can be made, to hold in all cases. In general the faculty approves an arrangement which, distributing the student's time through the required three years, divides it equally among his three subjects in his first year of graduate study; in the proportion of two to one, as between his major and first minor, in the second year of graduate study (his second minor being finished and dropped at the end of the first year); and gives all his time to his major during his third year.

While "full-time work" in the first year of graduate study, leading usually to a master's degree, is at least eight units for the two semesters, full-time work after the first year is not reckoned in units. The student is simply required to devote all his time to his work. Nor is there any necessary correspondence between the number of courses taken and the number of units required in the first year, or full-time work in any year. A first-year student might possibly secure all the credit necessary in two or three courses; and a second-year or third-year student might conceivably be devoting all his time to one course and his research or to his research alone.

The *minimum* period of study required for securing the degree of Doctor of Philosophy is three years, during which the student is required to devote all his working time to his studies. All three years must be spent in residence at some accredited educational institution and either the first two or the last one of the three must be spent at the University. The degree is conferred, however, not for residence during a certain period, but for scholarly attainments and power of investigation, as proved by thesis and examinations.

Credit for work in other universities is not "transferred". The candidate is examined here on the subjects offered by him for the advanced degree. However, his period of residence at another institution of proper grade may be accepted in fulfillment of the residence requirement of the University, so far as it goes.

EXAMINATIONS.—Towards the end of his second year of study, or by special permission, at the beginning of his third year, the candidate for the degree must submit to a *preliminary examination*, in order to determine whether he will be accepted as a candidate for the degree in the following year. This examination is intended to test the student's knowledge of the fields of his major and minor subjects of study only. It is partly oral, and may be wholly so.

The student will not be admitted to his preliminary examination until the faculty is satisfied that he has finished substantially the equivalent of two years' graduate work. He must do a full year's graduate work between his preliminary examination and the completion of his work for the doctorate.

The candidate will be required to demonstrate his ability to read French and German and other languages needed in his work. This test of proficiency in the use of French and German must be passed before the student is admitted to the preliminary examination in major and minor subjects.

At least two weeks before the time when the degree is conferred, the candidate must submit to a *final examination*, given by a committee appointed by the Dean. This examination is primarily on the research work of the student, as embodied in his thesis, but it is not confined to that. It extends to the whole field of study of the candidate. It will not be confined to the courses which the candidate has attended in the University of Illinois only, if he has done part of the work elsewhere; nor even to the field covered by the courses specifically taken in this or other universities; but will be so conducted as to determine whether the candidate has a satisfactory grasp of his major subject as a whole, and a general acquaintance with the fields of knowledge represented by his course of study.

The final examination may not be divided. The examination must be taken all at one time even tho it requires several sessions.

If after having passed his preliminary examination, he fails in the third year of his study to meet the expectations of the professors in charge of his work, or in any way fails to maintain the standard of scholarship and power of research expected of him, he may be refused admission to the final examination.

Before the candidate is admitted to the final examination and the defense of his thesis, he may be required to take any other examination, oral or written, that is thought proper by the departments in which he has studied.

The above examinations are in addition to those in the courses for which the student is registered. These must be taken at the times for which they are set in the examination schedule.

**THESIS.**—The power of independent research must be shown by the production of a thesis on some topic connected with the major subject of study. The candidate is expected to defend his thesis or dissertation before the members of the faculty, or as many of them as may wish to question him about it, in connection with his final examination.

The subject of the thesis should be chosen not later than the end of the second year of residence and must be submitted for formal approval by the faculty not later than six weeks from the beginning of his third year of residence.

A typewritten copy of the complete thesis, *on thesis paper*<sup>1</sup>, and in final form, must be deposited in the office of the Dean for presentation to the examining committee not later than two weeks prior to the final examination and not less than four weeks before the time when the degree is conferred. At the same time, the candidate must deposit with the Dean a manuscript of the essential part, or an abstract, or a digest of his thesis, in condition for publication at a cost not to exceed seventy-five dollars (\$75). The manuscript must be sufficient to show the method followed, the evidence used and the conclusions reached in the investigation, and must bear the approval of the department and the Executive Faculty of the Graduate School.

The candidate must pay to the Comptroller before graduation the sum of seventy-five dollars, out of which the University will print at least one hundred copies of this manuscript for circulation by the University, unless the thesis entire or in abbreviated form is published by the author or is accepted for publication by a standard journal or publisher within a year from the date of graduation. In the latter event, and after one hundred copies have been presented to the University by the writer, the cash deposit shall be returned to him.

The typewritten and printed forms of the thesis must comply with the regulations given in "instructions for the preparation of masters' and doctors' theses," copies of which may be obtained at the Dean's office on application.

The degree of Doctor of Philosophy in Engineering is offered in certain lines of academic work of a high scholastic type in engineering science for students who wish to prepare themselves as teachers, investigators, and experts.

The general requirements for this degree, as to preliminary education, linguistic attainments, etc., are the same as in other lines.

The following lines of engineering science are open as majors: Engineering mechanics; steam engineering; hydraulic and sanitary engineering; electrical engineering; heating and ventilation engineering; railway engineering; masonry construction and structural engineering; coal-mining engineering.

The first minor may be any of the above or one of the following sciences or an authorized combination of two of them: Theoretical mechanics; mathematics; thermodynamics; bacteriology; chemistry; geology; physics (experimental or mathematical); zoology; botany; economics.

The second minor should be in other than engineering subjects.

**SCHOLARSHIPS AND FELLOWSHIPS.**—A number of scholarships and fellowships have been established by the Trustees of the University. To first-year graduate students of ability and promise there are open a number of scholarships with a stipend of \$300 each and freedom from tuition, incidental, and laboratory fees<sup>1</sup>. To second-year and third-year graduate students, that is, those who have had one or two years of graduate study, there are open fellow-

<sup>1</sup>No other will be accepted by the Dean.



ships with a stipend varying from \$350 to \$500, with freedom from the above-mentioned fees. The larger stipends are given only to students who are expected to take their degrees within the year. Each holder of a fellowship or scholarship must pay the matriculation fee of ten dollars, unless he holds a first degree from the University, and also the diploma fee of ten dollars on receiving his diploma.

Candidates for these scholarships and fellowships must be graduates of the University, or of colleges or universities having equivalent requirements for bachelors' degrees.

Application must be made on blanks to be obtained from the Dean of the Graduate School. These application forms should be sent to the Dean of the Graduate School as early as possible in February of the academic year preceding that for which the fellowship is desired.

Nominations to fellowships are made on the grounds of worthiness of character, scholastic attainments, and promise of success in the principal line of study or research to which the candidate proposes to devote himself. Scholarships and fellowships are not given to candidates who are over thirty years of age at the time when the appointment is to be made.

For second-year fellowships, adequate preparation in French, and for third-year fellowships, adequate preparation in French and German is required.

An appointment as honorary fellow, without stipend, may be made as specified for paid fellowships in the case of any one who has shown distinguished merit in his work.

**THE CARR FELLOWSHIP IN CHEMISTRY.**—The Honorable Robert F. Carr, of the class of 1893, gave in 1919 the sum of ten thousand dollars, the income of which is to be used as the stipendium of a fellowship in chemistry or chemical engineering.

**RESEARCH GRADUATE ASSISTANTS IN THE ENGINEERING EXPERIMENT STATION.**—The Engineering Experiment Station is devoted to research. Its purposes are the study of problems of special importance to engineers and to manufacturing, railway, mining, and industrial interests, and the stimulation and elevation of engineering education.

Fourteen research graduate assistantships have been established, open to graduates of approved technical schools and universities. The stipend is \$500 a year for each. Applicants to whom these graduate assistantships are awarded agree to hold them for two years, devoting one-half of their time to the work of the Engineering Experiment Station. At the end of this period, if all requirements have been met, the degree of Master of Science will be conferred.

Applications for these graduate assistantships should be made to the Director of the Engineering Experiment Station not later than February 1.

**CORNING GLASS WORKS FELLOWSHIPS.**—In June, 1920, the National Research Council created a fellowship in the Department of Ceramics with funds given it by the Corning Glass Works. The appointees to this fellowship have the status of fellows or half-time research assistants; they are given the use of the University's laboratories, under the condition that they pay for the materials used and the equipment damaged.

**SOCIAL HYGIENE BOARD FELLOWSHIPS.**—In January, 1920, the U. S. Interdepartmental Social Hygiene Board gave to the University \$3,500, of

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<sup>1</sup>Up to a certain amount.

which \$3,000 has been used to establish three fellowships of \$800 and one fellowship of \$600 in chemistry. The holders are given the same privileges as the persons holding Carr Fellowships in Chemistry.

**DUPONT FELLOWSHIPS.**—DuPont de Nemours and Company gave the University in 1918 the sum of \$750 with which to establish a fellowship in chemistry. They have repeated the gift in the succeeding years.

**THE ILLINOIS HISTORICAL SURVEY.**—The Illinois Historical Survey is a department of the Graduate School established in 1910 to conduct research in the history of the State of Illinois. It possesses extensive collections of source materials for western history and is continually adding to them. It assists the Illinois State Historical Library in the publication of these and other materials in the *Illinois Historical Collections*. It also offers to graduate students direction in the preparation of theses or monographs based on its collections.

The following persons constitute the staff of the Survey for the year 1923-24: Professor Laurence M. Larson, Ph.D., Director; Associate Professor Theodore Calvin Pease, Ph.D., Assistant Director; Ameda R. King, Assistant.

**GRADUATE WORK IN THE SUMMER SESSION.**—The Summer Session places emphasis on graduate courses leading to the master's degree. The departments related to high-school teaching and to educational administration have been selected as the centers of this emphasis. An attempt is made to vary the graduate offerings from year to year so that advanced students each year may find acceptable work in their chosen fields.

The normal requirement for the master's degree is full work of graduate grade, satisfactorily completed, through one year of residence. This means a residence of thirty-six weeks at the University. Qualified graduate students may fulfill this residence requirement in four summer sessions of eight weeks each.

In addition to work in the Urbana departments graduate courses are offered in the Summer Sessions in the College of Medicine.

## MILITARY SCIENCE

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Under the Morrill Land Grant of 1862, military training is required; and under the Act of Congress of June 3, 1916, there are at the University of Illinois six units of the Reserve Officers' Training Corps.

All male students who are citizens of the United States and physically fit, except (1) students over twenty-five years of age when entering the University and (2) students entering the University with junior standing, are enrolled during their first two years in the Reserve Officers' Training Corps.

The courses cover four consecutive years of work. The basic course consists of the first two years, and students in this course are required to devote three periods a week of not less than one hour each to military training. For each semester of work one hour of credit toward graduation is granted. Students may attend a summer camp of six weeks. No university credit is allowed for this camp.

The final two years are called the advanced course. Students who have completed the basic course may elect to take the advanced course, and, if selected by the President of the University and the Professor of Military Science and Tactics, they will be eligible to sign the contract with the Government to pursue the course for two years for which they will receive the payment of commutation of rations provided by law. Students of the advanced course are required to devote five hours a week to military science and training for the two years, and the completion of this work is for them a prerequisite for graduation; they are also required to attend one summer camp of six weeks duration. From the beginning of the advanced course until the conclusion, except for the time spent in camp, such students receive commutation of rations at a rate determined by the Secretary of War; the rate at present is thirty cents a day. At camp, rations in kind are furnished and payment of seventy cents a day is made each student. For each semester of work in the advanced course, students receive  $1\frac{1}{2}$  hours' credit toward graduation. Students who have been members of units of the Reserve Officers' Training Corps may take advanced work, provided they present certificates signed by the professor of military science and tactics under whom they served, indicating that they have satisfactorily completed courses in military science.

A student who completes the elective advanced course is eligible for appointment by the President of the United States as a reserve officer of the United States Army for a period of five years. Students who complete the basic course of the first two years are eligible for appointment as sergeants in the enlisted reserve corps of the United States Army; those who complete one year of advanced course work are eligible for appointment to any grade in the enlisted reserve corps.

Military instruction is under the direction of officers of the United States Army. The courses have special reference to the duties of officers. The equipment for military instruction is furnished by the War Department and includes: for Infantry, United States magazine rifles, automatic pistols, revolvers, machine guns, trench mortar, and 37 millimeter guns; for Artillery, nine American three-inch guns and complete equipment for battery and

battalion headquarters, also one each of the following: 155 mm. Howitzer (Schneider), 155 mm. gun (Filloux), 4.7 inch American gun, 75 mm. French gun, 75 mm. British gun, 75 mm. American gun, engineer and signal equipment, tractors, reconnaissance car and trucks; seventy-five horses, saddles, bridles; for Cavalry, 60 horses with full field equipment, rifles, pistols, sabres, automatic rifles, and machine guns; for Engineers, engineer instruments used for military sketching, surveying and making of maps; demolition equipment, map reproduction and photographic equipment, tools and supplies for field fortification, bridge material, and heavy pontoon equipment; for Signal Corps, radio telephone and telegraph instruments, field telephones, telegraph instruments, heliographs, flags, wire-carts, storage batteries, etc.; for Air Service, airplanes, airplane engines, aerial machine guns, aerial bombs, motor test block, radio code and buzzer sets, etc. Ammunition and supplies for demonstrations and practice are furnished. Students in each arm of the service are given instruction in the functions and equipment of the other arms.

The Cadet Brigade consists of an Infantry Brigade of two regiments, a Field Artillery Brigade of two regiments, a Cavalry Brigade of two regiments, one battalion of Engineers, one Signal Corps Battalion, one Observation Group of Air Service. The training in each of these courses is directed by an army officer of the appropriate arm of service. A student is free to choose any branch for which his aptitude and course of study fit him. Appointments as cadet officers in the Brigade are made on the nomination of the Commandant of Cadets, confirmed by the President of the University. Student assistants in military science are selected from the field officers and captains of the brigade, on the recommendation of the professor of military science and tactics. They receive \$100 a year, payable at the rate of \$10 a month from September 1. Certain cadet officers are awarded military scholarships of the value of \$50 per year, payable at the end of the year.

A committee appointed by the President of the University examines candidates for nomination to the Governor of the State for commissions as brevet captains in the State Militia. Candidates must be members of the senior class in full standing; must have completed the course of military studies; must have served two semesters as commissioned officers; and must be approved by the Council of Administration as having good reputations as scholars, officers, and gentlemen.

The University military band is composed of students, and every full term of service therein is counted as one term of drill. Those who play in the band after having earned the four military credits necessary for graduation are paid for this additional service an amount equal to the term fees for the year, as required from students who are residents of Illinois. Besides giving several concerts during the year, the band furnishes the music for regimental formations and ceremonies and other occasions as required by the President of the University. Membership is decided by competitive examination.

## PHYSICAL EDUCATION

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FOR MEN.—The purpose of the work in the Department of Physical Education is to place emphasis on the educative values of physical activities in developing function, perfecting nervous control, and on mental and moral improvement. The courses are so administered that the following benefits are likewise attained:

Hygienic—Development of organic vigor, improvement of health, and the creation of good physical habits.

Corrective—Correction of posture and carriage and of undeveloped or deformed parts.

Recreative—Giving an opportunity and incentive for physical recreation.

Physical Education is compulsory for freshmen. Regular classes are formed in boxing, wrestling, fencing, swimming, and for class and individual proficiency on the various gymnasium appliances. Lectures are given on personal hygiene.

All competitive athletic games are under direct supervision of the Director of Physical Education, and an examination is required to show that membership on any team will not cause injury, but will tend to improve the physical condition of the participant. No student whose class work is unsatisfactory is allowed to play on a University team.

FOR WOMEN.—The purpose of the work of this department is to improve and maintain the health of the individual. The physical condition and motor ability of each student is determined on her entrance to the University by a medical examination and motor efficiency tests given by the Department of Health Service and the Department of Physical Education. Exercise is prescribed which will best meet her individual need. Further examination is given whenever necessary.

The class work embraces corrective, hygienic, and recreative exercise, including gymnastics, apparatus, marching, folk dances, and games. Tennis, hockey, basketball, volley ball, baseball, soccer, football, archery, quoits, and bowling are played in season.

The gymnasium is open at certain hours and under suitable restrictions to all women of the University.

The swimming pool is open daily, except Saturday, from 10 to 12 a. m., and from 2 to 5:30 p. m. The regulation swimming suit of one piece must be made of cotton jersey or other cotton material.

## THE SUMMER SESSION

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The Summer Session for 1923 opened June 18, and closed August 11, making a term of eight weeks, or half a semester, for all students except graduate students who are candidates for a master's degree, for whom the prescribed term is nine weeks, and except students taking only courses in library science, physical education for men, or athletic coaching, for whom the term was six weeks from June 18. The Summer Session of 1924 will open on June 16 and close August 9.

All courses, except those in library science and physical education for men, will extend through the eight weeks. Students who wish to remain for only six weeks, however, may obtain from the Director of the Summer Session a certificate for such attendance, but university credit will not be given for six weeks' courses except for those in physical education for men and in athletic coaching.

Students may register for courses aggregating eight hours or less.

The Summer Session is an organized integral part of the University year. Tho its organization is not subdivided into colleges, numerous courses are offered in departments in the Colleges of Liberal Arts and Sciences, Commerce, Agriculture, Engineering, Education, and Law, and the School of Music and the Library School. Unless otherwise specified, all courses may be counted toward a bachelor's or a master's degree. By two Summer Sessions a regular student may reduce the eight semesters to seven, thus securing his degree a half year earlier than he would otherwise have done.

Students who have just graduated from an accredited high school may matriculate in the Summer Session and obtain credit for a half-semester. Pre-medical students are strongly urged to do this and to register for chemistry or zoology, mathematics, rhetoric, or other prescribed pre-medical subjects.

One purpose of the Summer Session is to meet the needs of the teachers in the public schools who wish to spend part of the summer vacation in serious study or investigation. Numerous courses are designed for high-school teachers, supervising officers, teachers of special subjects (agriculture, art, manual training, music, industrial education, etc.), and coaches of athletic teams; graduate courses are offered for college instructors, school supervisors, and principals who are working for advanced degrees.

Admission in regular status to courses in the Summer Session for which university credit is granted is limited to students who could be regularly admitted to the colleges of the University (Liberal Arts and Sciences, or Commerce, or Engineering, or Agriculture) in which they would be registered in the winter session. See pages 58-74.

Admission to courses which give university credit, as *unclassified students*, *not candidates for a degree*, may be granted to persons 21 years of age or over, subject to the general regulations of the University relating to unclassified students.

A student who transfers from another college or university must present a letter of honorable dismissal, and a transcript of record from the institution previously attended.

Students will present themselves for registration on Monday, June 16, 1924.

**FEES.**—*All fees are due on registration.* An incidental fee of twenty dollars (thirty dollars for students in the College of Law) is required of all residents of Illinois in regular attendance at the Session, and of thirty dollars (forty-five dollars for students in the College of Law) for students not residing in the State. This entitles one to admission to regular courses and to all special lectures. An extra laboratory fee is charged in some courses for materials used. Any single course, counting not more than two and one-half credit hours, may be taken by Illinois students for a fee of ten dollars (fifteen dollars for students not residing in the State), and the laboratory fee, if there be any in connection with the course taken.

Fees in addition to the above general fees are required for practical courses in music.

**SCHOLARSHIPS.**—All high-school teachers in Illinois, and all other teachers in the State who are qualified to matriculate in the University as regular students, are entitled to Summer Session scholarships of twelve dollars, reducing for them the incidental fee from twenty dollars to eight dollars. Similar scholarships are granted librarians and library assistants employed by Illinois libraries and persons under appointment to such positions. To matriculate regularly in the University, one must either pass the entrance examinations, or present a certificate from an accredited high school or other evidence of having completed the requisite amount of preparatory work.

The scholarship privilege is extended also to persons graduated from the Illinois State Teachers' Colleges during the academic year preceding the session in which the scholarship is desired, and to persons (otherwise qualified) who have not been teachers, but who are under contract to teach in the State during the coming year.

Application blanks for scholarships may be obtained by addressing the Registrar.

**GRADUATE WORK.**—The Summer Session places emphasis on graduate courses leading to the master's degree. The departments related to high-school teaching and to educational administration have been selected as the centers of this emphasis. An attempt is made to vary the graduate offerings from year to year so that advanced students each year may find acceptable work in their chosen fields.

The normal requirement for the master's degree is full work of graduate grade, satisfactorily completed, through one year of residence. This means a residence of thirty-six weeks at the University. Qualified graduate students may fulfill this residence requirement in four summer sessions of eight weeks each.

In certain cases it will be possible for the graduate student to complete the last fourth of his residence requirement under a leave of absence. This privilege may be granted in the event that the student is able to take advantage of opportunities for research and investigation that are not afforded in the University community. Superintendents, principals, and class room

teachers frequently find it possible to carry on investigations in connection with their school work. There are, for example, numerous problems of school administration and of teaching for which the public school itself forms the only available "laboratory". Where the investigation of such problems is prosecuted with the cooperation of a department of the University it may be possible to count the work toward the master's degree.

**COURSES IN LIBRARY SCIENCE.**—Courses for the training of librarians have been offered since the summer of 1911, and two distinct groups of courses were offered in 1923.

(1) For college graduates, with or without library experience, there were eight-weeks courses selected from the two-year curriculum of the Library School, counting toward the B.L.S. degree. A student completing the courses offered in 1922, and in 1923, has completed the first semester's work in the Library School.

(2) For high-school graduates who are employed as librarians or library assistants, and for certain others who have completed one full year of study in a college or normal school, six-weeks courses were offered which were more elementary and not counted toward the B.L.S. degree. Problems confronting Illinois libraries were given special consideration in these six-weeks courses, and until May 1, only applicants from Illinois were accepted for admission. After that date those from other states were admitted.

Application blanks for admission must be secured, filled out, and sent to the Director of the School with additional statements, showing the applicant's qualifications for admission. The application must be filed sufficiently early to enable the School to receive replies from librarians and others who have personal knowledge of the applicant.

**COURSES IN MEDICINE AND DENTISTRY.**—Graduate work in the College of Medicine was offered in pharmacology, pathology, and bacteriology in the Summer Session of 1923. The courses included: Advanced Pharmacodynamics, Research in Pharmacodynamics, Advanced Pathogenesis, and a course in Pathology and Bacteriology Research.

Six-week summer courses are given in the summer for students desiring to advance their work or lighten their curriculum for the ensuing year in the College of Dentistry. The following courses were offered in the Summer Session of 1923: Operative Dentistry: Dental Anatomy, Operative Technics, and Diagnosis for Operative Procedures; Prosthetic Dentistry: Prosthetic Technics (first and third years), and Ceramics; Therapeutics: Clinical Practice. Courses were also arranged for individual and groups practitioners.

**COURSES FOR ATHLETIC COACHES.**—Courses for Athletic Coaches under the general direction of George A. Huff, Director of Physical Education for Men, meet the growing demand from high schools and from colleges and other institutions for trained men to direct and coach athletics. They are designed to assist both the high-school teacher or principal who desires to become proficient in coaching one or more athletic teams and the man who intends to take up the directing of athletics or coaching as a vocation.

The courses occupy the first six weeks. All the courses are taught by men who coach the athletic teams of the University of Illinois. The athletic plant of the University is turned into a laboratory and the larger part of the instruction is given on Illinois Field.



Students may devote either their whole time or part of their time to these courses. Detailed information regarding the courses for Athletic Coaches may be found in a special circular which will be sent on application to George A. Huff, Director, Gymnasium, Urbana, Illinois.

ATHLETICS.—Altho both the men's and women's gymnasiums are used in some parts of the regular class work in Physical Education, they are nevertheless open for the purpose of general recreation and exercise to students not registered in those courses. Both of the gymnasiums contain swimming pools, shower baths and other forms of bath, lockers, and dressing rooms. Students are charged a small sum for a locker. The tennis courts, general athletic fields, and golf courses on the University campus are open to students.

DESCRIPTION OF COURSES.—For a description of the courses offered in the Summer Session, see the General Description of Courses, beginning on page 223, the description of courses under Medicine, beginning on page 198, and Dentistry, beginning on page 212.

## THE COLLEGE OF MEDICINE

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For the *faculty* of the College of Medicine, see pages 15-39; for a description of the *building* see page 51; for fees, see page 88; for scholarships, see pages 86 and 193.

The College of Medicine of the University is in Chicago, located in the city block bounded by Harrison, Congress, Honore, and Lincoln streets.

For the requirements for admission, see page 66.

The general rule of the University with reference to unclassified students applies to the College of Medicine: "Persons over twenty-one years of age, *not candidates for a degree*, may, on approval of the Dean, be admitted to classes for which they are prepared."

**ADVANCED STANDING.**—The University will accept scholarship and time credits for work done in medical colleges having standards equal to those of the College of Medicine of the University, in so far as this work coincides with or is the full equivalent of the courses prescribed by the University.

The pre-medical work of the applicant must meet in full the admission requirements for the class which he desires to enter.

The applicant must present a letter of honorable dismissal from the college in which he pursued his medical studies and be eligible for promotion therein. He must further be able to comply with the requirements for such promotion in the University. (See page 195.) Moreover, his record must be of such a character as to give evidence of a high grade of scholarship.

Irregularities due to differences in the curricula must be satisfactorily adjusted during the first year of the student's attendance.

**REGISTRATION.**—Students are required to register in the office of the Secretary immediately on the opening of the term for the work of that term, and credit will be allowed only in the branches in which they are registered. Students will be registered in the order in which their fees are paid. The number of students in each class is limited to one hundred.

**FEES.**—For information concerning fees, see page 88.

**LIVING EXPENSES.**—The expense of living in Chicago is less than in most large cities. From forty to fifty dollars a month may be regarded as adequate for the ordinary living expenses of a student exclusive of books, clothing, railroad fare, and miscellaneous needs.

The expense for books varies between \$25.00 and \$50.00 a year. The instructors at the beginning of each course direct their students in regard to the purchase of text books.

**REA SCHOLARSHIPS.**—Through the generosity of the late Professor R. A. Rea a fund has been provided for worthy students, four scholarships each year, awarded by the Faculty.

For the season of 1922-23, they were granted to the following students:

JACK B. BATKO

OTTO BOHEMIL PAVLIN

BENGT NORMAN BENGSTON

DAVID ROSENBLUM

LOREN LESLIE COLLINS

ROBERT SCHAFFER

DAVID SCHINBERG

For information concerning other scholarships available to students at the College of Medicine, see page 86.

**ADMISSION TO LICENSING EXAMINATIONS IN ENGLAND.**—On the recommendation of the Committee of Management of the Examining Board in England, the Royal Colleges of Physicians and Surgeons have added the University of Illinois to the list of universities whose medical departments are recognized by that Board. By this action graduates of this institution are exempt from all preliminary examinations and admitted to the final licensing examination of the Examining Board.

**REQUIREMENTS FOR GRADUATION.**—A candidate for graduation from the College of Medicine must meet the following requirements:

1. He must have presented acceptable evidence of good moral character.
2. He must have paid all indebtedness to the college.
3. He must have satisfactorily completed the prescribed curriculum of the College of Medicine, comprising four years, of thirty-four weeks each and in addition must have satisfactorily completed a hospital course of not less than twelve months' duration in a hospital approved by the University. A year of research or graduate work will be accepted in lieu of the hospital year.

Students admitted to advanced standing from other medical schools will not be given full time credit for any year of less than thirty-two weeks of actual work.

The fourth year of the curriculum must have been taken in the College of Medicine.

The diploma for the degree of Doctor of Medicine will be issued on the presentation of satisfactory evidence that the fifth year has been acceptably completed.

**CURRICULA AND DEGREES.**—The student is offered his choice of the following combinations:

1. A nine-year curriculum—four years in the College of Liberal Arts and Sciences at Urbana, leading to the degree of Bachelor of Arts, followed by five years in the College of Medicine in Chicago, leading to the degree of Doctor of Medicine. This course of study is recommended to students who can afford the time for it, and who are of the average age of graduation from the public high schools.

2. An eight-year curriculum—three years in the College of Liberal Arts and Sciences at Urbana, followed by five years in the College of Medicine in Chicago. Students taking this course are permitted, at the end of their first year in the College of Medicine, to transfer credits in the medical sciences to complete the requirements for graduation of the College of Liberal Arts and Sciences, and receive the degree of Bachelor of Arts. On the completion of the remaining four years in the College of Medicine they receive the degree of Doctor of Medicine.

3. A seven-year curriculum—two years in a recognized college of liberal arts and sciences followed by five years in the College of Medicine. The work of the first two years must include certain prescribed subjects. On the completion of the first two years in the College of Medicine, these students receive the degree of Bachelor of Science; and on the completion of the five years in the College of Medicine, they receive the degree of Doctor of Medicine. The two years of work in arts and sciences required for admission to the College of Medicine may be taken in the College of Liberal Arts and Sciences at Urbana.

**GENERAL PLAN OF INSTRUCTION.**—The course of study extends over five years. During the first two years the work is, in the main, confined

to the sciences fundamental to the practice of medicine, and the time of the student is largely devoted to laboratory work.

During the third and fourth years the time is largely devoted to the various clinical branches, emphasis being given to practical instruction in dispensary and hospital clinics.

The fifth year consists of a twelve months' interne service in a hospital approved by the faculty of the college, or a year of research or graduate work.

Students are prohibited from doing work that interferes *in any way* with the fulfillment of the requirements of the curriculum. Unofficial clinical work may not be substituted for the official clinical requirements of the curriculum.

In the second semester of the second year, the student is required to elect six hours a week from the courses offered by the pre-clinical departments. If the student has a satisfactory scholarship record, and can satisfy the head of the department in which he desires to work as to his ability to pursue the line of endeavor he proposes to undertake, he may be permitted to register in the graduate school for one unit of graduate work.

In the third year, one hour of elective work a week is required if the regular curriculum is pursued. By a reduction in the required hours in certain of the prescribed subjects, ninety-six hours of elective work may be taken in each semester. This work may be either in pre-clinical or clinical subjects. A student may in this way emphasize his training in some particular subject or subjects. The work may be counted for graduate credit provided the student carries on his work in a department represented on the graduate faculty, and can satisfy the head of the department in which he desires to work as to his ability to satisfactorily pursue the line of work he proposes to undertake.

In the fourth year, the student must elect four hours of work a week from the optional subjects and at least one hour of these electives must be selected from the optional subjects in surgery.

**OPTIONAL WORK.**—Optional courses supplementary to the required work of the regular curriculum are offered in many departments. Students may be permitted to register for such courses after completing the work of the first year with the consent of the committee. No credit toward the degree in medicine is allowed for this work.

**EXAMINATIONS.**—General examinations are held in all subjects at the end of each term during the week set apart for this purpose.

Absences from examinations count as failures unless they occur for satisfactory reasons, in which case the student may be examined subsequently, provided permission for such examination be granted by the Dean.

The system of grading is as follows: A, excellent; B, good; C, fair; D, poor (but passing); E, failure. A "failure" can be removed only by repetition of the subject in course in an approved institution. No "conditions" are allowed.

Failures to the extent of 100 hours may be carried from the first (Freshman) year into the second (Sophomore) year or from the second (Sophomore) year to the third (Junior) year. No failures of the third (Junior) year may be carried into the fourth (Senior) year. No failures may be carried from the fourth (Senior) year into the fifth (Interne) year.

Failures must be made up in course, and the number of hours of such

failures shall be deducted from the total number of hours of the regular work for the period.

A student who in any semester receives failures in one-half the total number of hours in his course shall be refused further registration in the College of Medicine.

No student having grades below C in subjects aggregating twenty-five percent of the work of the first two years will be recommended for the degree of Bachelor of Science.

**CLINICAL FACILITIES; DISPENSARY.**—The Dispensary is divided into ten departments: medicine, surgery, pediatrics, orthopedics, laryngology, dermatology, ophthalmology, gynecology, neurology, and genito-urinary diseases.

Opportunities are afforded the student to examine the cases personally under the guidance of instructors. The student is required to make laboratory examinations pertaining to his own cases. Such examinations as the Wasserman reaction are made by the instructors in the laboratory but the student has an opportunity to follow these and to learn the technic involved.

**CLINICS.**—In addition to those in the dispensary more than 600 clinics in various hospitals are open to students. The great majority of diseases seen in the temperate zone are demonstrated, and most of the operations of surgery are performed in these clinics.

Fourth-year students are required to examine and diagnose many cases, and under certain conditions may assist in operations.

*The Cook County Hospital* is located within half a block of the College. This institution is the largest charity hospital in America, and in it is conducted much of the clinical instruction of the College. Medical appointments in this hospital are made each year by the Civil Service Board. The sixty-four internes are selected each spring by competitive examination. Only graduates of medical colleges of Cook County are eligible for these examinations. The internes serve eighteen months.

*The County Morgue* is located in the hospital grounds, and daily post-mortems are held by the pathologists of the hospital.

The hospital tickets cost \$5.00 each. They are for sale at the office of the Warden. They admit the holders to all clinics and autopsies and to all public operations and lectures.

*The University Hospital* is located at the corner of Congress and Lincoln streets, opposite the College. The Directors of the hospital are members of the faculty of the College. Bedside instruction is given, under certain conditions, to small groups of students. No students, excepting those of the College, were admitted to clinical instruction in the hospital during the year 1922-23.

There is no charge for admission to these clinics.

The selection of internes for this hospital is limited to graduates of the College.

Clinical instruction to students in small groups, and bedside instruction to those serving as externes, may be given in the following hospitals: Augustana Hospital, Michael Reese Hospital, St. Luke's Hospital, Illinois Charitable Eye and Ear Infirmary, St. Joseph's Hospital, West Side Hospital, Grant Hospital, St. Elizabeth's Hospital, Chicago Policlinic Hospital, St. Mary's of Nazareth Hospital.

**NEW HOSPITAL FACILITIES.**—The General Assembly of 1919 appropriated \$300,000 for the construction of a Clinical Building. This building will

be devoted to the investigation and treatment of those diseases which belong in the fields of general medicine, surgery, obstetrics, and gynecology.

The General Assembly of 1919 also appropriated about \$1,000,000 to the State Department of Public Welfare for the construction of a group of Educational Hospitals in Chicago. The first building in this group provides for the Illinois Charitable Eye and Ear Infirmary, a Psychiatric Institute, and a Surgical (Orthopedic) Institute for Children.

The last General Assembly supplemented the above appropriation by \$1,000,000 to complete and equip the buildings under construction, and \$500,000 for a research laboratory and library building.

In 1919, the State Department of Public Welfare and the University agreed to a plan of cooperation with the following objects in view: To construct and maintain a group of hospitals and institutes in Chicago where laboratories, libraries, and medical skill could be readily obtained; to provide medical treatment for the indigent sick of the State; to give young men and women a medical education and training for the prevention as well as the cure of disease; to help practicing physicians of the State to keep in touch with the latest and best methods of preventing and curing human ailments; to tell the people of the State through special lectures and bulletins how to keep themselves physically efficient. The object is to determine the cause of sickness and on the basis of this knowledge institute preventive measures.

**LIBRARY FACILITIES.**—The Quine library contains 27,464 bound volumes and a number of reprints, including the standard text-books, works of reference, monographs, and journal files in the fields of medicine, dentistry, and pharmacy. The collection in the School of Pharmacy containing 4,303 volumes and 2,500 pamphlets, is also available.

# DESCRIPTION OF COURSES IN MEDICINE<sup>1</sup>

## ANATOMY, HISTOLOGY, EMBRYOLOGY

Professors EYCLESHYMER, EMMEL; Associate Professor MOODIE<sup>2</sup>; Assistant Professor COOPER; Dr. NADEAU, Dr. CRILE, Dr. BURROWS, Mr. JONES, Dr. WHITE, Dr. JORANSON, Dr. ROST, Dr. BRENNAN, Dr. OCHS, Dr. BEILIN, Dr. THOMASON, Dr. PRZYPYSZNY, Miss DIXON, Mr. BOELIO, Mr. MILLER, Mr. HAMMER

The laboratories for gross anatomy comprise two dissecting rooms and a number of smaller rooms for embalming, storing, and prosecting. A plastic studio is situated adjacent to the dissecting room and is available for anatomical reconstruction work and the use of models for teaching purposes. The equipment includes apparatus for embalming, sectioning, macerating, corroding, and digesting; microtomes, microscopes, paraffin ovens, drawing apparatus, chemicals, glassware, and Grüber stains. A small museum contains special dissections, osteological preparations, and models; sets of histological, neurological, and embryological slides; charts, lantern slides, and other teaching accessories. The departmental library contains the standard texts and about 2500 special monographs. All the English, German, and French anatomical journals are received. The Crerar Library is readily accessible and makes it possible to consult practically the whole literature of anatomy, biology, and zoology.

### REQUIRED COURSES—FIRST YEAR

22. EMBRYOLOGY.—Lectures and recitations; 1: laboratory; 2 two-hour periods. I (first half). Professor EYCLESHYMER, Assistant Professor COOPER

23. CYTOLOGY, HISTOLOGY, AND MICROSCOPIC ANATOMY.—Lectures and recitations; 3: laboratory; 3 three-hour periods. I. Professor EYCLESHYMER, Assistant Professor COOPER

26. NEUROLOGY.—Lectures and recitations; 1: laboratory; 2 two-hour periods. I (second half). Professor EYCLESHYMER, Assistant Professor COOPER

27-28. REGIONAL AND SYSTEMATIC ANATOMY.—Dissection of the human body. Lectures and recitations; 1: laboratory; 2 four-hour periods. II.

Professor EMMEL, instructors, and assistants

### REQUIRED COURSES—SECOND YEAR

31. TOPOGRAPHICAL ANATOMY.—Lectures and recitations; 2: laboratory; 2 three-hour periods. I. Dr. CRILE and assistants

APPLIED AND SURGICAL ANATOMY.—(See Department of Surgery.)

### OPTIONAL COURSES

50. MICROSCOPICAL TECHNIC.—

Mr. BOELIO

53. MEDICAL ILLUSTRATING.—

Mr. JONES

56. EMBRYOLOGY AND HISTOGENESIS.—

Professor EYCLESHYMER

59. HAEMATOLOGY.—

Professor EMMEL

<sup>1</sup>The Arabic numerals preceding the captions indicate the number of the courses. Courses numbered with the letter X following the numeral are optional subjects in which 1 hour of work per week per semester is required in the third year and 3 hours in the fourth year. Unless otherwise specifically stated, the Arabic numerals following the descriptions of courses indicate the number of one-hour periods. The Roman numerals I and II indicate the number of semesters over which the course extends.

<sup>2</sup>On leave of absence.

COURSES PREPARATORY TO SPECIALIZATION  
(Special Fee)

62. a. THE EYE.
- b. THE EAR.
- c. MOUTH, NOSE, AND THROAT.
- d. THE THORAX AND ABDOMEN.
- e. THE GENITO-URINARY SYSTEM.
- f. PELVIC ANATOMY.
- g. THE EXTREMITIES, especially the joints and their mechanism.
- h. THE BRAIN AND SPINAL CHORD.

RESEARCH.—Physicians who desire to do research and students who have had three years of university training may begin research work in this department. A reading knowledge of French and German is essential.

65-66. SEMINAR.—Recent anatomical literature; preparation of bibliographies and of scientific papers for publication. Presentation and discussion of the results of investigations.

## COURSES FOR GRADUATES

101. HISTOGENESIS.—*One or two units.*  
Professor EYCLESHYMER, Professor EMMEL
103. INDIVIDUAL RESEARCH IN EMBRYOLOGY AND HISTOGENESIS.—*One or two units.*  
Professor EYCLESHYMER, Professor EMMEL

## SUMMER SESSION COURSES

101. HISTOGENESIS.—Laboratory, lectures, assigned reading. *One or two units.*  
Professor EYCLESHYMER, Professor EMMEL, and Associate Professor MOODIE
103. INDIVIDUAL RESEARCH, EMBRYOLOGY AND HISTOGENESIS.—*One or two units.*  
Professor EYCLESHYMER, Professor EMMEL, and Associate Professor MOODIE

## DERMATOLOGY

Associate Professor SENEAR; Dr. FINK, Dr. WEIN, Dr. WEBER

## REQUIRED COURSES—FOURTH YEAR

1. PRACTICE.—Lectures, 1. I. Associate Professor SENEAR
5. CLINIC.—1. II. Associate Professor SENEAR
- 9-10. CLINIC.—College Dispensary. In sections. 3 one-hour periods, (*three weeks*).  
Associate Professor SENEAR, Dr. FINK, Dr. WIEN, Dr. WEBER

HYGIENE, SOCIAL HYGIENE, CRIMINOLOGY, AND MEDICAL  
JURISPRUDENCE

Professor ADLER; Dr. LEVY, Dr. BECKER, Mr. BROTHERS, Mr. MILLS

## REQUIRED COURSE—SECOND AND FOURTH YEARS

4. HYGIENE AND PUBLIC HEALTH.—Lectures and practical work.  $3\frac{1}{2}$  hours per week. I. Mr. BECKER

## REQUIRED COURSE—THIRD YEAR

6. MEDICAL JURISPRUDENCE.—Lectures, 1. I. Mr. BROTHERS



## LARYNGOLOGY, RHINOLOGY, AND OTOTOLOGY

Professor PIERCE; Associate Professor BECK; Dr. GARRAGHAN, Dr. THEOBALD, Dr. HOLINGER, Dr. YERGER, Dr. MUSKAT, Dr. LEDERER, Dr. ROTH

## REQUIRED COURSES—THIRD YEAR

3. PRACTICE.—1. I. Professor PIERCE, Associate Professor BECK  
 7. CLINIC.—Illinois Eye and Ear Infirmary. In sections; 1. I. (*eight weeks*). Professor PIERCE  
 11. PRACTICE.—Throat and nose. 1. (*ten weeks*). I. Professor PIERCE  
 14-15. CLINIC.—College Dispensary. In sections; 3 (*three weeks*). II.  
 Dr. GARRAGHAN, Dr. THEOBALD, Dr. YERGER, Dr. MUSKAT, Dr. LEDERER, Dr. ROTH

## MEDICINE

Professor WILLIAMSON

## DIVISION OF INTERNAL MEDICINE

Professors WILLIAMSON, TICE, GOODKIND, PATTON, ELLIOTT; Associate Professors SMITHIES, HEINTZ, LEWISON, WEATHERSON, STRAUSS, MOORE, CHAUVET; Assistant Professors QUIGLEY, FRICK; Dr. KRASA, Dr. WILSON, Dr. JIRKA, Dr. ELY, Dr. JACOBSON, Dr. WITTELLE, Dr. MOSLEY, Dr. SAWYER, Dr. CIPRIANI, Dr. PROPST, Dr. BRADEL, Dr. MEYER, Dr. FOLEY, Dr. RICHMOND, Dr. LUSK, Dr. RUSH, Dr. RABENS

## REQUIRED COURSE—SECOND YEAR

- 2a-2b. PHYSICAL DIAGNOSIS.—(a) Lectures; 1. I. (b) Practical drill on normal subjects; given to small sections of the class. 1 two-hour period. I.  
 Associate Professor LEWISON, Associate Professor CHAUVET

## REQUIRED COURSES—THIRD YEAR

9. PRACTICE.—Survey of important diseases as a working basis for the clinical courses. Conferences and recitations. 4. II.  
 Associate Professor HEINTZ, Dr. KRASA, Dr. CIPRIANI, Dr. SAWYER, Dr. PROPST  
 13. CLINIC.—University Hospital amphitheater. Selected topics. 1 two-hour period. I. Associate Professor HEINTZ  
 15. CLINIC.—Cook County Hospital amphitheater. Selected topics. 1 two-hour period. I. Assistant Professor QUIGLEY  
 23. PHYSICAL DIAGNOSIS CLINIC.—Cook County Hospital, tuberculosis wards. To small groups. 1. I. Associate Professor LEWISON, Associate Professor CHAUVET  
 27-28. CLINIC.—Dispensary. In sections, 3 two-hour periods (*three weeks*). II.  
 Associate Professor MOORE, Dr. WILSON, Dr. MOSLEY, Dr. JIRKA, Dr. WITTELLE, Dr. JACOBSON

## REQUIRED COURSES—FOURTH YEAR

- 31-32. PRACTICE.—Lectures illustrated by pathological specimens, charts, and lantern slides; conferences; 4, I; 2, I. Lectures, Professor WILLIAMSON, Professor TICE  
 Conferences and recitations, Associate Professor WEATHERSON  
 35. CLINIC.—Cook County Hospital amphitheater. Selected topics. 1 two-hour period. I. Professor WILLIAMSON  
 37. CLINIC.—Cook County Hospital amphitheater. Selected topics. 1 two-hour period. I. Professor TICE  
 39. CLINIC.—Cook County Hospital amphitheater. Selected topics. 1 two-hour period. I. Associate Professor STRAUSS  
 41. CLINIC.—St. Luke's Hospital. 1 two-hour period. I. Professor ELLIOTT

## 47. CLINIC.—Michael Reese Hospital. 1 one-hour period. I.

Professor GOODKIND

49-51. SEMINAR.—Work in cooperation with the department of surgery and obstetrics. The student receives 48 hours' credit, 16 in each department, altho the work is done only in one department. The class is divided into groups and sub-groups. During the first semester the groups meet informally and abstracts are prepared and submitted for criticism. During the second semester each group is assigned one hour in which to present its work before the entire class.

Professor WILLIAMSON, Professor HESS, Associate Professor MOORE

## OPTIONAL COURSES—THIRD YEAR

- 1-X. TUBERCULOSIS. Associate Professor CHAUVET  
 2-X. TUBERCULOSIS OF THE LYMPHATIC SYSTEM. ....

## OPTIONAL COURSES—FOURTH YEAR

- 3-X. DISEASES OF THE BLOOD.—(*Eight weeks.*) Associate Professor MOORE  
 4-X. DISEASES OF THE BLOOD (Continued).—(*Eight weeks.*) Associate Professor MOORE  
 5-X. DISEASES OF THE HEART. Associate Professor STRAUSS  
 6-X. DISEASES OF PANCREAS AND INTESTINES. Associate Professor SMITHIES  
 7-X. PRINCIPLES OF MEDICINE, REVIEW COURSE.

## DIVISION OF PEDIATRICS

Professor HESS; Associate Professors IRISH, BLATT; Assistant Professor BOWER; Dr. GOLDBERGER, Dr. LEVIN, Dr. CALVIN, Dr. ROSENBLUM, Dr. BOROVSKY, Dr. FURBY, Dr. SHERRY, Dr. SCHLUETER, Dr. ENGERMAN, Dr. WISCH, Dr. WAGONER, Dr. COHEN

## REQUIRED COURSES—THIRD YEAR

1. PRACTICE AND CLINIC.—Lectures; clinical conferences; 1. I. Professor HESS  
 4. PRACTICE.—Recitations; 1. I. Associate Professor IRISH and assistants  
 7. CLINIC.—Cook County Hospital. In groups; 2 (*four weeks*). I. Associate Professor IRISH  
 9. CLINIC.—Cook County Hospital. Contagious diseases. In groups; 2 (*four weeks*). Assistant Professor BOWER

## REQUIRED COURSES—FOURTH YEAR

11. CLINIC.—Cook County Hospital. Contagious diseases. In groups; 2 (*four weeks*). Assistant Professor BOWER  
 15-16. CLINIC.—Dispensary. In sections; 3 two-hour periods (*three weeks*). II. Dispensary Staff  
 19. CLINIC.—Cook County Hospital. In groups; one two-hour period. I. Professor HESS  
 21. CLINIC.—Cook County Hospital. In groups; one two-hour period (*four weeks*). Associate Professor BLATT  
 23. CLINIC.—Michael Reese Hospital. In groups; one one-hour period (*eight weeks*). Professor HESS

## DIVISIONS OF NEUROLOGY AND PSYCHIATRY

Professor SINGER; Associate Professors HASSIN, DAVIS; Assistant Professors READ, TRUITT, DIAMOND; Dr. HULBERT

3-4. PRACTICE AND CLINIC.—Dispensary and Cook County Hospital. Lectures, demonstrations, examinations, and diagnosis. In sections; 6 two-hour periods (*seven and one-half weeks*). I. 1 two-hour period. I.

Professor SINGER; Associate Professor HASSIN; Assistant Professors READ, TRUITT, DIAMOND; Dr. HULBERT.

## DIVISION OF ROENTGENOLOGY

Assistant Professor HARTUNG

## REQUIRED COURSE—FOURTH YEAR

4. PRACTICE AND DEMONSTRATION.—College. The use of the X-ray in medicine and surgery. 4 one-hour periods. I. Assistant Professor HARTUNG

## DIVISION OF HISTORY OF MEDICINE

Dr. CIGRAND, Lecturer

## OPTIONAL COURSE FOURTH YEAR

51. LECTURES.—1. I.

## OBSTETRICS AND GYNECOLOGY

Professors BACON, LEWIS; Associate Professors YARROS, ROHRLACK; Dr. HAMMOND, Dr. BARRON-HARRISON, Dr. NACHTIGALL, Dr. CARY, Dr. STETLER, Dr. BLAIR, Dr. HAYES, Dr. FITZGERALD, Dr. PLICE, Dr. HERSHEY, Dr. HEINEKAMP.

## REQUIRED COURSES—THIRD YEAR

5-6. PHYSIOLOGY OF PREGNANCY, LABOR, THE PUERPERIUM, AND THE NEW BORN INFANT.—Lectures and recitations; 3. I.

Associate Professor YARROS, Dr. HAMMOND, Dr. CARY, Dr. STETLER

9. CLINIC.—University Hospital. Instruction at bedside and in the dispensary. To small groups; 6 one-hour periods (*two weeks*).

Professor BACON, Associate Professor ROHRLACK, Dr. BARRON-HARRISON, Dr. BLAIR

12. CLINIC.—University Hospital. In groups. Attendance on the delivery of six parturients.

## REQUIRED COURSES—FOURTH YEAR

15-16. PATHOLOGY OF PREGNANCY, LABOR, AND THE PUERPERIUM.—Lectures and recitations. I. Professor BACON, Associate Professor ROHRLACK, Dr. NACHTIGALL

(a) Laboratory work in pathological anatomy and histology. In groups; 1 two-hour period (*eight weeks*). Dr. NACHTIGALL

(b) Manikin work. To small groups; 1 two-hour period (*eight weeks*).

Professor LEWIS, Dr. HAYES

19. CLINIC.—Cook County Hospital. In groups (*four weeks*). Professor LEWIS

22. CLINIC.—University Hospital. Demonstrations and operations; 1. I.

Professor BACON

25. CLINIC.—University Hospital. In groups. Attendance on the delivery of six parturients.

26. CLINIC.—Chicago Lying-In Hospital and Dispensary. Residence, two weeks; at least six cases. Fee, \$15 payable in advance at the Dispensary.

47-48. SEMINAR.—This work is done in cooperation with the Departments of Medicine and Surgery. (See courses 49-51, page 201).

Professor LEWIS; Associate Professor ROHRLACK, Dr. NACHTIGALL, Dr. CARY

## OPTIONAL COURSES—THIRD YEAR

1-X. REVIEW COURSE IN OBSTETRICS.—1. I. Dr. FITZGERALD, Dr. PLICE

2-X. RELATION OF THE ENDOCRINE GLANDS TO OBSTETRICAL AFFECTIONS.—1. I. Associate Professor ROHRLACK

## OPTIONAL COURSES—FOURTH YEAR

1-X. OXYTOCICS.—1. I. Professor BACON

2-X. REVIEW COURSE IN OBSTETRICS.—1. I. Dr. FITZGERALD, Dr. PLICE

3-X. PUERPERAL INFECTIONS.—1. I. Associate Professor ROHRLACK

## DIVISION OF GYNECOLOGY

Professor BARRETT; Assistant Professors LANG, FISCHMANN; Dr. STONE, Dr. JUHNKE, Dr. HOFFMAN

## REQUIRED COURSES—FOURTH YEAR

3. PRACTICE.—Lectures, recitations, lantern slide demonstrations, exhibition of pathological tissue, and illustrations by charts and models. 1. II.

Professor BARRETT, Assistant Professor FISCHMANN, Dr. STONE

7. CLINIC.—Cook County Hospital. One two-hour period. I. Professor BARRETT

15-16. CLINICS.—Dispensary. In sections. 3 two-hour periods (*three weeks*). II.

Assistant Professors LANG, FISCHMANN; Dr. STONE, Dr. JUHNKE, Dr. HOFFMAN

## OPTIONAL COURSES—FOURTH YEAR

1-X. COURSE ON PELVIC HISTOLOGY AND MICROSCOPIC PATHOLOGY.—Dr. STONE

## OPHTHALMOLOGY

Professors BROWN, LANE, WOODRUFF; Assistant Professor GRADLE; Dr. BEARD, Dr. MONCREIFF, Mr. HEATH, Dr. BOTHMAN, Dr. CUSHMAN

## REQUIRED COURSES—FOURTH YEAR

1. CLINIC AND PRACTICE.—Dispensary, clinic, and laboratory course.

Professor BROWN, Dr. BEARD, Dr. MONCREIFF, Dr. BOTHMAN, Dr. CUSHMAN

2. DIDACTIC OPHTHALMOLOGY.—Diseases of the eye. 1 two-hour period (*four weeks*).

Assistant Professor GRADLE

## OPTIONAL COURSES—FOURTH YEAR

3-X. SURGERY OF THE EYE.—4 two-hour periods. Illinois Charitable Eye and Ear Infirmary. Professor WOODRUFF

## OPTIONAL COURSE—FIFTH YEAR

4-X. OPHTHALMOLOGY.

1. Methods of Clinical Examination (3 hours daily), 12 months.

2. Methods of Laboratory Examination (3 hours daily), 8 months.

3. Surgical work in the University Hospital (1 hour daily), 12 months.

4. Study of classical monographs and preparation of 25 case-histories for "The Board of Ophthalmic Examinations" (3 hours daily), 4 months.

## PHYSICIANS' EXTENSION COURSES IN OPHTHALMOLOGY

5. CLINICAL COURSE.—Designed to train graduates for staff positions. Affords individual training in standardized methods. Practical case-study. The staff The fee for each period of four months is \$50.00.

2. PATHOLOGY OF THE EYE.—Four months. I. Professor BROWN, Professor LANE

## PATHOLOGY AND BACTERIOLOGY

Professor DAVIS; Associate Professor PETERSEN; Dr. NUZUM, Dr. PILOT, Dr. H'DOUBLER, Dr. LEVINSON, Dr. PICKOFF, Dr. JAFFE, Dr. BRAMS, Mr. LEPAK, Mr. MOORE

## REQUIRED COURSES—SECOND YEAR

11. GENERAL BACTERIOLOGY AND PROTOZOOLOGY.—Lectures, demonstrations; 3: laboratory; 2 three-hour periods. I. Professor DAVIS, Dr. PILOT, and assistants

## REQUIRED COURSE—SECOND YEAR

18. GENERAL PATHOLOGY AND PATHOLOGICAL HISTOLOGY.—Lectures, recitations demonstrations; 4: laboratory; 5 two-hour periods. I.  
Associate Professor PETERSEN, Dr. LEVINSON, Dr. JAFFE, Dr. H'DOUBLER
22. CLINICAL PATHOLOGY.—2 two-hour periods. I.  
Dr. PILOT, Dr. BRAMS, and assistants

## REQUIRED COURSES—THIRD YEAR

26. SPECIAL PATHOLOGY AND AUTOPSIES.—3 two-hour periods. I.  
Professor DAVIS, Dr. PILOT, Dr. BRAMS, Dr. H'DOUBLER

## OPTIONAL COURSES

50. ADVANCED WORK AND RESEARCH IN BACTERIOLOGY.—Limited to properly qualified students.  
Professor DAVIS, Associate Professor PETERSEN
51. ADVANCED WORK IN SPECIAL DIAGNOSTIC LABORATORY METHODS.—Limited to a few qualified students.  
Dr. PILOT
55. DIAGNOSIS OF TUMORS.—Open to students who have had courses in general and special pathology. I.  
Associate Professor PETERSEN, Dr. JAFFE

## COURSES FOR GRADUATES

101. ADVANCED PATHOGENESIS.—*One or two units.*  
Professor DAVIS, Professor PETERSEN
105. INDIVIDUAL RESEARCH.—*One or two units.*  
Professor DAVIS, Professor PETERSEN

## SUMMER SESSION COURSES

101. ADVANCED PATHOGENESIS.—Lectures, conferences, demonstrations, assigned readings.—*One or two units.*  
Professor DAVIS, Associate Professor PETERSEN
103. INDIVIDUAL RESEARCH.—*One or two units.*  
Professor DAVIS, Associate Professor PETERSEN

## PHARMACOLOGY, MATERIA MEDICA, AND THERAPEUTICS

Professor McGUIGAN; Dr. SHACKELL, Mr. SNOW, Dr. COHEN, Mr. ETS, Mr. BROUGH, Mr. NILSON, Mr. SCHLECK

## REQUIRED COURSES—SECOND YEAR

- I. 8. PHARMACOLOGY.—Lectures and recitations; 3: laboratory; one three-hour period.  
Professor McGUIGAN, Dr. SHACKELL, and assistants
10. PHARMACY AND MATERIA MEDICA.—Lectures and recitations: 1: demonstrations and laboratory; 2: II.  
Professor McGUIGAN, Mr. SNOW, and assistants
2. 12. PHARMACOLOGY AND TOXICOLOGY.—Lectures and recitations; 2: laboratory;  
Professor McGUIGAN, Dr. SHACKELL, and assistants

## REQUIRED COURSE—THIRD YEAR

20. GENERAL THERAPEUTICS.—2. I. Professor McGUIGAN, Mr. NILSON

## OPTIONAL COURSE

RESEARCH.—The laboratory is open at all times for those qualified to engage in research.  
Professor McGUIGAN

COURSES FOR GRADUATES

101. ADVANCED PHARMACO-DYNAMICS.—Laboratory work.—*One or two units.*  
Professor McGUIGAN
103. RESEARCH WORK IN PHARMACO-DYNAMICS.—*One or two units.*  
Professor McGUIGAN

SUMMER COURSES IN PHARMACOLOGY

101. ADVANCED PHARMACO-DYNAMICS.—Laboratory work.—*One or two units.*  
Professor McGUIGAN
103. RESEARCH IN PHARMACO-DYNAMICS.—*One or two units.* Professor McGUIGAN

PHYSIOLOGY AND PHYSIOLOGICAL CHEMISTRY

Professors DREYER, WELKER; Mr. TRACY, Dr. ALBRECHT, Mr. ASHER, Mr. GROOT, Miss TOWER, Mr. HUGHES, Mr. BOLLMAN, Mr. MARSH, Dr. SÆLHOF, Mr. HANSEN, Mr. McCORMACK, Mr. TOBIE

REQUIRED COURSE—FIRST YEAR

20. PHYSIOLOGY.—Lectures and recitations, 3; demonstration and laboratory; 2 four-hour periods. I. Professor DREYER, Mr. GROOT, Miss TOWER, and assistants
27. PHYSIOLOGICAL CHEMISTRY AND TOXICOLOGY.—Lectures, demonstrations, conferences, 3; laboratory, 8 hours. I. Professor WELKER, Mr. MARSH, Dr. SÆLHOF, and assistants

REQUIRED COURSE—SECOND YEAR

29. PHYSIOLOGY.—Lectures, recitations, demonstrations, 3; laboratory, 1 two-hour period. I. Professor DREYER, Mr. GROOT, Miss TOWER, and assistants

OPTIONAL COURSES

51. ADVANCED LABORATORY WORK.—Physiological demonstration and research; graphic methods. Professor DREYER, Mr. GROOT
53. QUANTITATIVE METABOLIC METHODS.—6. I. Professor WELKER, Mr. TRACY, Mr. HUGHES
55. NUTRITION.—6. I. Professor WELKER, Mr. MARSH
- RESEARCH.—The laboratories are open to persons with the requisite training for the conduct of research under the direction of the staff.
- 63-64. SEMINAR.—Members of the staff and advanced workers in the department meet weekly to discuss recent research in physiology and biological chemistry.
- Prerequisites for optional courses:* In physiology, courses 20 and 29, and in chemistry course 27.

COURSES FOR GRADUATES

103. ADVANCED BIOLOGICAL CHEMISTRY.—*One or two units.* Professor WELKER
107. BIOCHEMICAL RESEARCH.—*One or two units.* Professor WELKER

SUMMER SESSION COURSES

101. ADVANCED BIOLOGICAL CHEMISTRY.—*One or two units.* Professor WELKER
103. BIOCHEMICAL RESEARCH.—*One or two units.* Professor WELKER

## SURGERY

Professor DAVISON

## DIVISION OF GENERAL SURGERY

Professors DAVISON, OCHSNER, HALSTEAD, HARSHA, HUMISTON, PERCY; Associate Professors THOMPSON, MEYER, DYAS, THOMAS, MCKENNA, ROGERS; Assistant Professors HARGER, PHIFER, LOUNSBURY, CULVER, MCNEALY, DAVENPORT; Dr. BAMBERGER, Dr. NADEAU, Dr. BAKER, Dr. POST, Dr. SULLIVAN, Dr. MEYEROVITZ, Dr. HARRIS, Dr. CHRISTOPHER, Dr. COUNSELLOR, Dr. POND, Dr. GAINER, Dr. H'DOUBLER, Dr. KORDENAT, Dr. VEHE, Dr. RUDNICK, Mr. LIVINGSTON, Dr. KRAFT, Dr. THOMPSON

## REQUIRED COURSES—THIRD YEAR

3-4. PRACTICE.—Surgery and surgical pathology. Conferences, recitations. In sections. 2. II. Assistant Professor PHIFER, Dr. POST, Dr. BAMBERGER, Dr. SULLIVAN

7-8. CLINIC.—Dispensary. Three two-hour periods (*three weeks*). II.

Assistant Professor HARGER, Dr. BAMBERGER, Dr. POST, Dr. HARRIS, Dr. POND, Dr. KORDENAT, Dr. KRAFT.

9. CLINIC.—Cook County Hospital. 1 two-hour period. I.

Assistant Professor MCNEALY

10. CLINIC.—Cook County Hospital. 1 two-hour period. I.

Associate Professor THOMPSON

11. CLINIC.—Cook County Hospital. 1 two-hour period. I.

Associate Professor DYAS

12. CLINIC.—Cook County Hospital. 1 two-hour period. I.

Assistant Professor DAVENPORT

19. ANESTHETICS.—Cook County Hospital.

Associate Professor MEYER

## OPTIONAL COURSES—THIRD YEAR

1-X. ANESTHETICS, SURGICAL DRESSINGS, AND BANDAGING.—1. I. Dr. BAKER

2-X. SURGICAL DIAGNOSIS.—1. I.

Assistant Professor MCNEALY

3-X. PRINCIPLES OF SURGERY.—A review course. 1. I.

Associate Professor MEYER, Dr. FORD, Dr. GAINER

4-X. SPECIAL FRACTURES.—Lectures, recitations, conferences. 1. I.

Assistant Professor DAVENPORT

5-X. OPERATIVE SURGERY OF THE ABDOMEN ON ANIMALS.—1. I.

Dr. GRAHAM, Dr. BRAUDE

6-X. PREOPERATIVE AND POSTOPERATIVE TREATMENT.—1. I.

Dr. NADEAU

## REQUIRED COURSES—FOURTH YEAR

29. CLINIC.—University Hospital. 1 two-hour period. I.

Professor DAVIDSON, Dr. MEYEROVITZ

31. CLINIC.—St. Mary's Hospital. 1 two-hour period. I.

Professor PERCY

32. CLINIC.—Augustana Hospital. 1 two-hour period. I.

Professor OSCHNER

33. CLINIC.—St. Luke's Hospital. 1 two-hour period. I.

Professor HALSTEAD, Professor HARSHA

34. CLINIC.—Cook County Hospital. 1 two-hour period. I.

Associate Professor THOMPSON

35. CLINIC.—Cook County Hospital. 1 two-hour period. I.

Assistant Professor MCNEALY

36. CLINIC.—Cook County Hospital. 1 two-hour period. I.

Assistant Professor DAVENPORT

37-a. CLINIC.—Cook County Hospital. Bedside conference in surgical diagnosis.

1. I. Associate Professor MEYER

37-b. CLINIC.—Cook County Hospital. 1 two-hour period. I.

Professor DAVISON

41.—SURGICAL PATHOLOGY.—Laboratory. In sections. One two-hour period (*eight weeks*).  
Dr. NADEAU

43-44. SURGICAL SEMINAR.—Work done in cooperation with the departments of medicine and obstetrics. See courses 49-51, page 201.

Assistant Professor HARGER, Dr. COUNSELLOR

#### OPTIONAL COURSES—FOURTH YEAR

6-X. SURGERY OF THE ABDOMEN (COURSE I).—Lectures, conferences, recitations.

1. I. Associate Professor THOMPSON

7-X. SURGICAL TUBERCULOSIS.—Lectures, conferences, recitations. 1. I.

Associate Professor THOMAS

8-X. REGIONAL SURGERY.—A review course. 1. I.

*Prerequisite:* 3-X. Associate Professor MEYER, Dr. GAINER

9-X. SURGERY OF THE BRAIN AND SPINAL CORD.—Lectures, conferences, recitations.

1. I. Associate Professor ROGERS

10-X. SURGERY OF THE THORAX.—Lectures, conferences, recitations. 1. I.

Professor DYAS

11-X. SURGICAL DISEASES OF THE KIDNEYS.—1. I. Assistant Professor CULVER

12-X. SURGERY OF THE ABDOMEN (COURSE II).—Lectures, conferences, recitations.

1. I. Professor HUMISTON

13-X. SURGICAL CLINIC, WASHINGTON BOULEVARD HOSPITAL.—1. I.

Assistant Professor LOUNSBURY

#### DIVISION OF ORTHOPEDIC SURGERY

Associate Professor THOMAS; Dr. SPRAGUE, Dr. HOBART, Dr. SULLIVAN, Dr. CRILE, Dr. MURPHY, Dr. FISCHER

#### REQUIRED COURSES—THIRD YEAR

3. PRACTICE.—Conferences, recitations. In sections. 1. I.

Associate Professor THOMAS, Dr. SPRAGUE, Dr. SULLIVAN, Dr. CRILE, Dr. MURPHY

7. CLINIC.—St. Luke's Hospital. 1. I.

Associate Professor THOMAS

8. CLINIC.—St. Mary's Hospital. 1. I.

Dr. CRILE

9. CLINIC.—University Hospital. 1. I.

Dr. SPRAGUE

15-16. CLINIC.—Dispensary. In sections. Three two-hour periods (*three weeks*). II.

Associate Professor THOMAS, Dr. HOBART, Dr. SULLIVAN, Dr. SPRAGUE

#### DIVISION OF GENITO-URINARY SURGERY

Associate Professor McKENNA; Assistant Professor CULVER; Dr. SMEJKAL, Dr. HERROLD, Dr. O'CONOR, Dr. VAN PELT

#### REQUIRED COURSES—THIRD YEAR

3. PRACTICE.—Conferences, recitations. In sections. 1. I.

Associate Professor McKENNA; Assistant Professor CULVER; Dr. HERROLD, Dr. O'CONOR

7-8. CLINIC.—Dispensary. In sections. Three two-hour periods (*three weeks*). II.

Associate Professor McKENNA, Dr. SMEJKAL, Dr. VAN PELT



## REQUIRED COURSES—FOURTH YEAR

11. CLINIC.—Cook County Hospital. In sections. 2 two-hour periods (*three weeks*).  
Assistant Professor CULVER
14. CLINIC.—St. Joseph's Hospital. In sections. 1 two-hour period. I (*eight weeks*).  
Associate Professor McKENNA

## DIVISION OF OPERATIVE SURGERY

Assistant Professor LOUNSBURY; Dr. GRAHAM, Dr. METZ, Dr. BROWNING, Dr. BRAUDE,  
Dr. MAWDSLEY

## REQUIRED COURSE—SECOND YEAR

3. OPERATIVE SURGERY.—In small sections. 1 two-hour period. I.  
Assistant Professor LOUNSBURY, Dr. METZ, Dr. BROWNING, Dr. MAWDSLEY

## PROVISIONAL SUMMARY OF HOURS

## FIRST YEAR

Subjects	First Semester		Second Semester		Total
	Didactic	Laboratory	Didactic	Laboratory	
ANATOMY:					
Gross .....	32	112	32	112	288
Microscopic .....	32	160	32	64	288
CHEMISTRY:					
Physiological .....	48	132	...	...	180
PHYSIOLOGY.....	...	...	80	96	176
	112	404	144	272	932

## SECOND YEAR

ANATOMY:					
Topographical .....	32	80	..	..	112
Bacteriology .....	32	96	..	..	128
Pharmacology and Pharmacy .....	48	48	32	80	208
Pathology .....	..	..	48	128	176
Physical Diagnosis .....	..	..	16	32	48
Physiology .....	48	32	..	..	80
Surgery (Operative) .....	..	..	..	32	32
Electives .....	..	..	96	..	96
	160	256	192	272	880

## PROVISIONAL SUMMARY OF HOURS

## THIRD YEAR

Subjects	First Semester			Second Semester			Total
	Didac- tic	Clinical & Lab- oratory	Dis- pensary	Didac- tic	Clinical & Lab- oratory	Dis- pensary	
Autopsies .....	16	16	9	10	32	9	32
Oto-Laryngology .....	64	48	18	64	32	18	244
Internal Medicine .....	..	..	..	16	..	..	16
Medical Jurisprudence .....	..	..	..	32	..	..	32
Hygiene .....	..	..	..	16	48	..	64
Pathology .....	16	8	..	16	8	..	48
Pediatrics .....	32	..	..	..	..	..	32
Pharmacology and Therapeutics .....	48	..	..	..	12	..	60
Obstetrics .....	32	32	18	32	36	18	168
General Surgery .....	..	32	18	16	..	18	84
Orthopedic Surgery .....	..	64	..	..	..	..	64
Clinical Pathology .....	16	..	18	..	..	18	52
Genito-Urinary Surgery .....	16	..	..	16	..	..	32
Electives .....	16	..	..	16	..	..	32
	240	200	81	218	168	81	988

## FOURTH YEAR

Dermatology .....	16	16	9	16	..	9	66
Genito-Urinary Surgery .....	..	20	..	..	..	..	20
Gynecology .....	16	32	18	16	..	18	100
Hygiene .....	..	..	..	..	24	..	24
Medicine .....	64	42	..	48	42	..	196
Neurology .....	..	48	..	..	48	..	96
Obstetrics .....	48	32	..	..	24	..	104
Ophthalmology .....	..	32	..	..	32	..	64
Pediatrics .....	..	40	..	..	40	..	80
Psychiatry .....	..	..	..	..	24	..	24
Roentgenology .....	..	..	..	..	4	..	4
General Surgery .....	16	86	..	32	86	..	220
Surgical Pathology .....	..	..	..	..	16	..	16
Electives .....	48	..	..	48	..	..	96
	208	348	27	160	340	27	1110

First year .....	932
Second year .....	880
Third year .....	988
Fourth year .....	1110
<i>Total</i> .....	3910

## THE COLLEGE OF DENTISTRY

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(For the *faculty* of the College of Dentistry, see pages 15-39; for a description of the *building*, see page 52; for *fees*, see page 88; for *scholarships*, see page 86).

The College of Dentistry is located in what is known as "the clinical center of Chicago", at Harrison and Honore streets, opposite Cook County Hospital. Adjoining it on the north is the University of Illinois College of Medicine, and on the west the West Side Hospital. Within a radius of a few blocks are a majority of the great metropolitan hospitals and professional colleges and schools. It is about a fifteen minutes' ride from the Loop, or down-town district, by either the Garfield Park branch of the Metropolitan elevated line, or the Harrison Street surface cars.

For the requirements for admission, see page 67.

Students who meet the requirements for admission to the University of Illinois, and who have studied dentistry in any college accredited to the University for not less than one year, may be admitted to advanced standing. Such students, however, will be required to meet all the conditions of the curriculum of the College of Dentistry.

Graduates of colleges of medicine accredited to the University may be admitted to the College of Dentistry and given credit for one year in time and for all satisfactorily completed courses which are required by the College.

Students holding credits other than those listed above should communicate with the Dean for further information.

**REQUIREMENTS FOR GRADUATION.**—The requirements for the degree of Doctor of Dental Surgery are as follows:

1. Completion of the work of the curriculum with a grade of 75 percent or more in at least 75 percent of the subjects of the entire course. (The curriculum covers four years of college work.)
2. Attainment of the age of twenty-one years.
3. Settlement of all obligations to the University.

Students may become candidates for thesis honors through meritorious work. "Graduation with Thesis" is awarded on the presentation of a satisfactory scientific essay.

**CURRICULA AND DEGREES.**—1. *A Five-Year Curriculum.*—One year in a recognized college of liberal arts and sciences followed by four years in the College of Dentistry. The work of the first year must include certain prescribed subjects. On the completion of the fourth year in the College of Dentistry the degree of Doctor of Dental Surgery is conferred.

2. *A Six-Year Curriculum.*—Two years in a recognized college of liberal arts and sciences followed by four years in the College of Dentistry. The work of the two years in the arts and sciences must include certain prescribed subjects and must have been preceded by 15 units acquired in an accredited high school. On the completion of the two years in the College of Dentistry students will receive the degree of Bachelor of

Science; and on the completion of the fourth year in the College of Dentistry they will receive the degree of Doctor of Dental Surgery.

**REQUIREMENTS FOR SIX-YEAR COURSE.**—1. *High-School Requirements.* English, 3 units<sup>1</sup>; Algebra, 1 unit; Plane geometry, 1 unit; Physics with laboratory work, 1 unit; Electives, 9 units.

2. *College Requirement.*—Two years in a recognized college or university with a minimum of sixty semester hours, distributed as follows: Chemistry, 12 semester hours<sup>2</sup>; Physics, 6 semester hours; Biology, 8 semester hours; English, 6 semester hours; German, French, Spanish, or Italian, 6 semester hours; Electives (not including chemistry, physics, or biology), 6 semester hours; Free electives, 16 semester hours.

**LICENSE TO PRACTICE IN ENGLAND.**—On recommendation of the Board of Examiners in Dental Surgery, the Council of the Royal College of Surgeons, in London, has added the College of Dentistry of the University to the list of dental schools recognized by the college. This recognition implies that the Royal College of Surgeons will exempt graduates in dental surgery of the University from the preliminary science examination for the License in Dental Surgery, and will accept such parts of the curriculum for the License as are completed in the College of Dentistry of the University toward the curriculum of studies required for a license.

**HONORARY RESEARCH ASSISTANTS.**—Students may, during the last year of their course, be permitted to pursue advanced work in a department, provided, first, that they have shown special aptitude; and, second, that their previous work has been of a sufficiently high grade. If at the end of the last year's work the student's application and attainment are regarded as of a sufficiently high character, he may be awarded an honorary research assistantship.

**INFIRMARY.**—A large part of the senior course is devoted to practical dentistry, and for this purpose an Infirmary is provided. The Infirmary is supplied with modern accessories, and there are windows on three sides, as well as sky-lights overhead, so that all work may be done by daylight.

**LIBRARY.**—The general library of the University in Chicago is in the Medical building, which adjoins the College of Dentistry. In this library there are over 27,425 volumes, including a comprehensive collection of works on dental and allied subjects. All standard dental journals are kept on file, and there is a representative collection of works in literature, standard and modern, for the use of English classes in the College of Dentistry. The library, in charge of a librarian and assistant, is open from 9 a. m. to 5 p. m., and room is provided for students desirous of employing their study periods in the library.

<sup>1</sup>See definition of unit, p. 58.

<sup>2</sup>By a semester hour of college credit is meant the work of a class meeting once a week for a semester of 18 weeks. Sixty semester hours represent ordinarily two years of college work.

# DESCRIPTION OF COURSES IN DENTISTRY<sup>1</sup>

## ENGLISH

Assistant Professor O'HARA

### REQUIRED COURSES—FIRST YEAR

- 3-4. ENGLISH COMPOSITION.—2. I, and 1, II.

### SECOND YEAR

5. CONTEMPORARY LITERATURE.—1. I.

### THIRD YEAR

- [6. PUBLIC SPEAKING.—1. I. Not given 1923-24.]

### FOURTH YEAR

7. CORRESPONDENCE.—1. I.

CORRELATIVE COURSES.—Individual consultations and occasional class meetings;  
papers prepared for other courses. Assistant Professor O'HARA

## TECHNICAL DRAWING

Mr. KERRICK

### REQUIRED COURSE—FIRST YEAR

1. TECHNICAL DRAWING.—2 two-and-a-half-hour periods. I.

## ANATOMY, HISTOLOGY, EMBRYOLOGY, ZOOLOGY

Professors EYLESHYMER, THOMAS, EMMEL; Assistant Professor COOPER; Dr. NADEAU,  
Miss SCHWAB

### REQUIRED COURSES—FIRST YEAR

- 10-11. SYSTEMATIC ANATOMY<sup>2</sup>.—Lectures, demonstrations, recitations, and seminar,  
2; laboratory, 2 three-hour periods. I. II. Dr. NADEAU and assistant

### REQUIRED COURSES—SECOND YEAR

- 7-8. HISTOLOGY.—Histology, lecture, or quiz 1; 2 three-hour laboratory periods.  
I. Lecture; laboratory, 2 two-hour periods. II. Professor THOMAS, Miss SCHWAB

### REQUIRED COURSE—THIRD YEAR

17. TOPOGRAPHICAL ANATOMY AND NEUROLOGY OF THE HEAD AND NECK.—Lectures  
and recitations, 1 two-hour period. II. Dr. NADEAU and assistants  
*Prerequisite:* 3, 4, 10-11.

<sup>1</sup>The course numbers are indicated by Arabic numerals preceding the captions. Unless otherwise specifically stated, the Arabic numerals following the description of courses indicate the number of one-hour period a week in each subject. The first and second semesters are indicated by the Roman numerals *I* and *II*, respectively.

<sup>2</sup>Zool. 3 not required of students admitted with Biology.

# CHEMISTRY AND METALLURGY

Professor WELKER; Dr. BERGEIM, Mr. TRACY, Mr. HUGHES, Mr. MARSH, Mr. AARONSON, Mr. DANKOWSKI

## REQUIRED COURSES—FIRST YEAR

6. QUALITATIVE ANALYSIS.—Lecture or recitation, 1; laboratory, 2 two-and-a-half-hour periods. I. Mr. TRACY, Mr. HUGHES

9. ORGANIC CHEMISTRY.—Lectures, demonstrations, and conferences, 2; laboratory, 2 three-hour periods. II. Dr. BERGEIM, Mr. MARSH, and assistants

## SECOND YEAR

12. PHYSIOLOGICAL CHEMISTRY.—Lectures, demonstrations, and conferences, 2; laboratory, 2 two-and-a-half-hour periods. I. Dr. BERGEIM, Mr. MARSH

*Prerequisites:* Courses 6 and 9 or their equivalents.

15. METALLURGY.—Lecture or recitation, 2; laboratory, 1 four-hour period. I. Professor WELKER, Mr. HUGHES

*Prerequisites:* Course 6 or its equivalent.

## OPTIONAL COURSE

51. METALLURGY.—An advanced course. Professor WELKER  
*Prerequisite:* Course 15.

55. QUANTITATIVE ANALYSIS.—Lectures and conferences, 2; laboratory, 2 three-hour periods. Mr. MARSH

*Prerequisite:* Chem. 6, or its equivalent.

RESEARCH.—The laboratories are open to persons with scientific training for research under the direction of a member of the staff.

# PATHOLOGY AND BACTERIOLOGY

Professor DAVIS; Assistant Professor PETERSEN; Dr. LEVINSON, Dr. PILOT, Dr. H'DOUBLER, Dr. PICKOFF, Dr. JAFFE

## REQUIRED COURSE—SECOND YEAR

4. GENERAL BACTERIOLOGY.—Lectures, recitations, and demonstrations, 3; laboratory work, 2 two-and-a-half-hour periods. II. Dr. H'DOUBLER and assistants

## REQUIRED COURSE—THIRD YEAR

7. GENERAL PATHOLOGY.—Lectures, recitations, and demonstrations, 4; laboratory, 2 two-and-a-half-hour periods. I. Dr. PETERSEN and assistants

55. QUANTITATIVE ANALYSIS.—Lectures and conferences, 2; laboratory, 2 three-hour periods. Mr. MARSH

*Prerequisite:* Chem. 6, or its equivalent.

## OPTIONAL COURSE

55. ADVANCED LABORATORY AND RESEARCH WORK.—Open to a limited number of qualified students. Dr. PETERSEN

# PHYSIOLOGY

Professor DREYER; Dr. FITCH, Mr. GROOT, Mr. LUCAS

## REQUIRED COURSE—THIRD YEAR

3-4. HUMAN PHYSIOLOGY.—Lectures, recitations, and demonstrations. I, II. Laboratory work and demonstrations. 1 two-hour period. I, II.

Professor DREYER and assistants

## OPERATIVE DENTISTRY

Professor GALLIE; Associate Professor NYLANDER; Dr. KREJCI, Dr. BRINKMAN, Dr. RYAN, Dr. OLECH

## REQUIRED COURSES—FIRST YEAR

- 3-4. DENTAL ANATOMY.—Lecture or quiz 2; laboratory, 2 three-hour periods. I, II.  
Associate Professor NYLANDER, Dr. BRINKMAN, Dr. OLECH

## SECOND YEAR

- 11-12. OPERATIVE TECHNICS.—Lecture 1; laboratory 1 three-hour period. I, II.  
Associate Professor NYLANDER, Dr. KREJCI  
*Prerequisites:* Dental Anatomy 3 and 4.

## THIRD YEAR

16. OPERATIVE DENTISTRY.—Lecture 1, I and II. Laboratory 1 three-hour period. I.  
Professor GALLIE, Associate Professor NYLANDER  
*Prerequisite:* 12.

## FOURTH YEAR

21. OPERATIVE DENTISTRY.—Lecture 1, I, II. Professor GALLIE

## PROSTHETIC DENTISTRY

Professor DITTMAR; Assistant Professors KUBACKI, KELLOGG, SHOLES; Dr. TYLMAN, Dr. CONDIT

## REQUIRED COURSES—FIRST YEAR

2. PROSTHETIC TECHNICS.—Lecture or quiz, 1; laboratory, 3 three-hour periods.  
I, II. Assistant Professor KELLOGG and assistants

## SECOND YEAR

- 5-6. PROSTHETIC TECHNICS.—Lecture and quiz, 1; laboratory 3 three-hour periods.  
I, II. Assistant Professor KELLOGG and assistants  
*Prerequisite:* Dental Anatomy, 3-4; Prosthetic Technics, 2.

## THIRD YEAR

- 9-10. PROSTHETIC TECHNICS.—Lecture and quiz, 1; laboratory, 3 three-hour periods.  
I, II. Professor DITTMAR and assistants  
*Prerequisites:* 5 and 6.

## FOURTH YEAR

- 17-18. PROSTHETIC TECHNICS.—Lectures, 1, I; laboratory, 1 two-hour period, I, II.  
Professor DITTMAR; Assistant Professors KUBACKI, SHOLES; Dr. TYLMAN  
*Prerequisites:* 9 and 10.

## PHARMACOLOGY, MATERIA MEDICA, AND THERAPEUTICS

Professors COOLIDGE, McGUIGAN, DAVIS; Associate Professor BLAYNEY; Dr. COE, Miss ELLINGSON, Miss LAWSON

## REQUIRED COURSES—THIRD YEAR

- 3-4. MATERIA MEDICA AND THERAPEUTICS.—Lectures, 1, I, II.

Professor COOLIDGE, Dr. BLAYNEY

5. PHARMACO-DYNAMICS.—Demonstrations and laboratory exercises. 1 two-hour period, II.  
Professor McGUIGAN and assistants

6. HYGIENE.—Lectures, 1, I.

Professor DAVIS

REQUIRED COURSE—FOURTH YEAR

- 11-12. THERAPEUTICS.—Thesis required. Lectures and recitations, 2. I, II.  
Professor COOLIDGE, Dr. BLAYNEY

ORAL SURGERY AND ORAL PATHOLOGY

Professors MOOREHEAD, SCHULTZ; Assistant Professor DEWEY; Dr. FONDA, Dr. STUART, Dr. HEIN, Dr. LERCHE, Mrs. FRAIN, Miss LAWSON, Miss JUNGJOHANN

REQUIRED COURSE—THIRD YEAR

5. ORAL PATHOLOGY.—Lectures, recitations, demonstrations, 1; laboratory, 1 three-hour period, II.  
Professors MOOREHEAD, SCHULTZ; Assistant Professor DEWEY, and assistants

FOURTH YEAR

- 11-12. ORAL SURGERY.—Clinic; 2 two-hour periods. I, II.  
Professors MOOREHEAD, SCHULTZ, and assistants  
19-20. EXTRACTING CLINIC.—6 three-hour periods with groups. I, II.  
Dr. STUART, Dr. HEIN, Dr. LERCHE

PHYSICAL DIAGNOSIS AND CLINICAL MEDICINE

Professor WILLIAMSON

REQUIRED COURSE—FOURTH YEAR

- 1-2. PHYSICAL DIAGNOSIS.—Lecture 1, I. Clinical medicine. 1 two-hour period.  
I, II. Professor WILLIAMSON and associates

ORTHODONTIA

Professor NOYES; Assistant Professor SIPPY; Dr. NEWELL

REQUIRED COURSE—THIRD YEAR

5. ORTHODONTIA.—Lecture or quiz, 1; laboratory, 1 two-hour period. II.  
Assistant Professor SIPPY and assistants

FOURTH YEAR

9. ORTHODONTIA.—Lecture, 1. I, II. Laboratory, 1 two-hour period. I.  
Professor NOYES; Assistant Professor SIPPY and assistants

FOURTH YEAR

50. ELECTIVE COURSE.—Lecture, 1. Laboratory, 1 two-hour period. II.  
Professor NOYES and Assistant Professor SIPPY

ROENTGENOLOGY AND PHOTOGRAPHY

Assistant Professor BOLAN; Miss DAME

REQUIRED COURSE—FOURTH YEAR

3. ROENTGENOLOGY.—Lectures, demonstrations, and conferences, 1, I.  
Assistant Professor BOLAN, Miss DAME

INFIRMARY

Director NYLANDER; Professors GALLIE, DITTMAR, COOLIDGE, NOYES; Assistant Professors WILLIAMS, BLAYNEY, SIPPY, KUBACKI; Dr. KREJCI, Dr. SHOLES, Dr. CONDIT, Dr. TYLMAN, Dr. BRINKMAN, Dr. RYAN, Dr. NEFF, Dr. BUCHMILLER, Dr. OLECH, Dr. WACH, Miss WINTERS, Miss ELLINGSON



## OPERATIVE DENTISTRY

## THIRD YEAR

18. CLINICAL PRACTICE.—Conferences and demonstrations to groups. I, II.  
Members of the staff  
*Prerequisite:* 12.

## FOURTH YEAR

- 24-26. CLINICAL PRACTICE.—Conferences and demonstrations to groups. I, II.  
Members of the staff  
*Prerequisite:* Course 18.

## PROSTHETIC DENTISTRY

## THIRD YEAR

12. CLINICAL PRACTICE.—Conferences and demonstrations to groups. I, II.  
Members of the staff  
*Prerequisite:* Course 6.

## FOURTH YEAR

- 23-24. CLINICAL PRACTICE.—Conferences and demonstrations to groups. I, II.  
Members of the staff  
*Prerequisite:* Course 12.

## THERAPEUTICS

## THIRD YEAR

13. CLINICAL PRACTICE.—Conferences and demonstrations to groups. II.  
Members of the staff  
*Prerequisite:* Operative Dentistry 12.

## FOURTH YEAR

14. CLINICAL PRACTICE.—Conferences and demonstrations to groups. I, II.  
Members of the staff  
*Prerequisite:* Course 13.

## ORTHODONTIA

9. CLINICAL PRACTICE.—  
A total of 256 hours are given to the third year Clinical Practice.  
A total of 1,024 hours are given to the fourth year Clinical Practice.  
Members of the staff

## DENTAL JURISPRUDENCE

## Mr. BROTHERS

## REQUIRED COURSE—FOURTH YEAR

3. DENTAL JURISPRUDENCE.—Rights and obligations; responsibilities arising from the relation of dentist and patient and their enforcement in court; confidential character and inviolability of such relation; state dental laws. Lectures, 1. 1. Mr. BROTHERS

## BUSINESS PRACTICE

## Mr. STANDISH

## REQUIRED COURSE—FOURTH YEAR

4. BUSINESS PRACTICE.—Lectures and conferences. Mr. STANDISH

## SUMMER COURSES

Six week summer courses are given for students desiring to advance their work or lighten the curriculum of the ensuing year. The courses are open to students of other schools. The following courses are offered: Dental Anatomy, 3-4, 16; Operative Technics, 11, 12, 16; Prosthetic Technics, 2, 5-6, 9-10; Infirmary Practice Courses: Operative Dentistry, 18; Prosthetic Dentistry, 12, Therapeutics, 13.

## COURSES FOR PRACTITIONERS

Courses will be arranged for an individual or group of individuals. Application for such courses should be made to the Dean.

## SUMMARY OF THE CURRICULUM

## FIRST YEAR

Departments	Hours				Sem-ester Hours	
	Didactic		Laboratory and Clinical			Total
	1st Sem	2ndSem	1st Sem	2ndSem		
Anatomy .....	32	32	96	96	256	10
Chemistry (Qualitative Analysis) .....	16	..	80	..	96	3½
Chemistry (Organic) .....	..	32	..	96	128	5
English .....	32	16	..	..	48	3
Dental Anatomy .....	16	16	96	96	224	6
Prosthetic Dentistry .....	16	16	144	144	320	8
Technical Drawing .....	..	..	80	..	80	2
	112	112	496	432	1152	37½

## SECOND YEAR

Metallurgy <sup>1</sup> .....	..	32	..	64	96	4
Anatomy <sup>2</sup> .....	32	32	96	96	256	10
Bacteriology .....	..	32	..	64	96	4
Chemistry (Physiological) .....	32	..	80	..	112	4½
Histology .....	16	16	96	64	192	8
Operative Dentistry .....	16	16	96	96	224	8
Prosthetic Dentistry .....	16	16	144	144	320	8
English .....	16	..	..	..	16	1
	128	144	512	528	1312	47½

## THIRD YEAR

Pathology .....	64	..	80	..	144	6½
Pharmaco-Dynamics .....	..	..	..	32	32	2
Materia Medica and Therapeutics .....	16	16	..	..	32	2
Hygiene .....	16	..	..	..	16	1
Operative Dentistry .....	16	16	..	..	32	2
Prosthetic Dentistry .....	32	..	128	..	160	4½
English .....	16	..	..	..	16	1
Anatomy .....	..	32	..	..	32	2
General Clinics (Infirmary Practice) ..	..	..	240	260	500	..
Physiology .....	48	48	48	48	192	8
Oral Pathology .....	..	16	..	48	64	2½
Orthodontia .....	..	16	..	32	48	2
	208	144	496	420	1268	33½

## FOURTH YEAR

General Clinics (Infirmary Practice) ..	..	..	480	480	960	..
Operative Dentistry .....	8	8	..	..	16	1
Orthodontia .....	16	16	32	..	64	2½
Prosthetic Dentistry .....	8	8	..	..	16	1
Roentgenology .....	16	..	..	..	16	1
Therapeutics .....	32	32	..	..	64	4
Oral Surgery .....	..	..	74	74	148	4
Physical Diagnosis .....	16	..	..	..	16	1
Medical Clinics .....	..	..	32	32	64	4
Jurisprudence .....	16	..	..	..	16	½
Business Practice .....	..	16	..	..	16	½
English .....	16	..	..	..	16	1
	128	80	618	586	1412	20½

To be given to third year class also in second semester for current year only.

To be given to second year class for current year only.

## THE SCHOOL OF PHARMACY

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For the *faculty* of the School of Pharmacy, see pages 15-39; for a description of the *building*, see page 52; for *scholarships*, see page 86.

The School of Pharmacy was originally the Chicago College of Pharmacy and was incorporated under that name September 5, 1859. In October, 1859, the first course of lectures was instituted, occupying three evenings a week for a period of six months. The first class, of two students, was graduated in 1861. The war caused a suspension of teaching, and the school was not reopened until 1870. The fire of 1871 destroyed the equipment, but in 1872 instruction was resumed for the second time and has since continued without interruption.

The College was formally united with the University May 1, 1896, becoming the technical School of Pharmacy of the University of Illinois.

The School of Pharmacy buildings are located at the corner of Wood and Flournoy streets in Chicago. This location is in the great medical center of Chicago and close to the colleges of Medicine and Dentistry of the University.

For admission, see the statement of the requirements of the University, page 68.

Students who have pursued courses of study in other schools of pharmacy will be given credit for such portions of their work as are equivalent to the work required by this School.

For several years past it has been found necessary to close the enrollment in the School of Pharmacy before the beginning of the session. It is, therefore, of advantage to students to enroll early. The first step in matriculation is to fill out an application for admission, the blank for which may be secured by addressing the Dean of the School of Pharmacy.

**REQUIREMENTS FOR GRADUATION.**—The candidate for the degree of Graduate of Pharmacy must be twenty-one years of age, and must have attended two annual courses of instruction, the first of which may have been in some other recognized school of pharmacy. He must have attended regularly the laboratory and lecture courses and have satisfactorily finished the work required.

Students who have successfully met the scholarship requirement, but are lacking in age, will receive a certificate and will be awarded the diploma when this requirement is satisfied.

The candidate for the degree of Pharmaceutical Chemist must have successfully completed the course leading to the degree of Graduate in Pharmacy in this School or in some other recognized school of pharmacy whose requirements for admission and graduation are equivalent to ours. He must have satisfactorily completed the work of the third year at this School.

Persons who meet the general requirements for admission to the University may be granted credits on other University courses for equivalent work completed at the School of Pharmacy.

**STATE REGISTRATION.**—The pharmacy law of Illinois requires all candidates for the certificate of registered pharmacist to pass an examination given by the State Department of Registration and Education. Credit is given as a part of the "practical experience in compounding drugs" required by the law, for the actual time of attendance at a recognized school of pharmacy, but not to exceed twenty-four months for registered pharmacist or twelve months for registered assistant pharmacist. An amendment to the pharmacy law, in effect July 1, 1917, requires graduation from a recognized school of pharmacy of candidates for the certificates of registered pharmacist, with the exception of those drug clerks who were entered on the rolls of the Board of Pharmacy as apprentices or assistants prior to the date when the law went into effect. The diploma of this school also admits to the pharmacy examinations in other states where the graduation requirement is in force.

The School holds membership in the American Conference of Pharmaceutical Faculties.

**FEES AND EXPENSES.**—For a statement of the fees, see page 88. Fees are payable in advance. Students unable to meet this requirement must make satisfactory arrangements with the Dean at the beginning of the course.

Board and lodging, within a convenient distance of the School, can be had for from ten to fifteen dollars a week.

A register of students desiring employment and of pharmacists wishing to employ students is kept at the School. Students desiring employment are invited to correspond with the Dean.

**CURRICULA AND DEGREES.**—*A Two-Year Curriculum.* The course leading to the degree of Graduate in Pharmacy appeals especially to young men and women who desire to qualify themselves to become pharmacists. The instruction is so arranged as to require the attendance of first year students on three or four days each week; second year students on five days.

The system of teaching includes lectures, demonstrations, recitations, and written and oral examinations, as well as individual instruction in actual work in operative and dispensing pharmacy, analytical chemistry, use of the compound microscope, etc.

*A Three-Year Curriculum.*—To meet the demand for special training on the part of students who desire to pursue more extended courses in pharmaceutical chemistry, applied microscopy, and bacteriology, or to prepare themselves for positions in food and drug laboratories, the School offers a three-year course leading to the degree of Pharmaceutical Chemist. This course comprises three annual sessions of thirty-four weeks each, the first two years being identical with the course for the degree of Graduate in Pharmacy.

**EQUIPMENT.**—The capacity of the laboratories is 370 students, working at one time.

The laboratories are supplied with compound microscopes, analytical balances, and special apparatus, and with collections of crude drugs, medicinal plants, chemicals, and pharmaceutical products.

The library contains over four thousand volumes, including, in addition to works of reference, many rare books, and complete files of the leading pharmaceutical journals.

## DESCRIPTION OF COURSES IN PHARMACY

### PHARMACY

Professor SNOW, Dr. VAHLTEICH, Mr. MARTIN, Mr. SKOGLUND

#### FIRST YEAR

1. THEORETICAL PHARMACY.—Three lectures and recitations each week. I.  
Professor SNOW, Mr. MARTIN, Mr. SKOGLUND
2. GALENICAL PHARMACY.—Three lectures and recitations each week. II. (*First half*).  
Professor SNOW, Mr. MARTIN, Mr. SKOGLUND
3. PHARMACY OF THE INORGANIC SUBSTANCES.—Three lectures and recitations each week. II. (*Second half*).  
Professor SNOW, Mr. MARTIN, Mr. SKOGLUND
4. PHARMACEUTICAL LABORATORY.—One laboratory period of three hours each week. I.  
Professor SNOW, Mr. MARTIN, Mr. SKOGLUND
5. PHARMACEUTICAL LABORATORY.—One laboratory period of three hours each week. II.  
Professor SNOW, Mr. MARTIN, Mr. SKOGLUND
6. DISPENSING.—One laboratory period of one hour each week. II.  
Professor SNOW, Mr. MARTIN, Mr. SKOGLUND

#### SECOND YEAR

7. GALENICAL PHARMACY.—A continuation of Pharmacy 2. Three lectures and recitations each week. I.  
Professor SNOW, Dr. VAHLTEICH
8. ORGANIC SUBSTANCES.—Three lectures and recitations each week. II.  
Professor SNOW, Dr. VAHLTEICH
9. PHARMACEUTICAL LABORATORY.—One laboratory period of four hours each week. I, II.  
Professor SNOW, Dr. VAHLTEICH, Mr. MARTIN, Mr. SKOGLUND
10. DISPENSING.—One lecture or recitation and one laboratory period of two hours each week. II.  
Professor SNOW, Dr. VAHLTEICH, Mr. MARTIN, Mr. SKOGLUND

#### THIRD YEAR

11. OPERATIVE PHARMACY.—One lecture or recitation and three laboratory periods of three hours each week. I.  
Professor SNOW, Dr. VAHLTEICH
12. MANUFACTURING PHARMACY.—One lecture or recitation and three laboratory periods of three hours each week. II. (*First half*).  
Professor SNOW, Dr. VAHLTEICH
13. MANUFACTURING PHARMACY.—One lecture or recitation and three laboratory periods of three hours each week. II. (*Second half*).  
Professor SNOW, Dr. VAHLTEICH

### CHEMISTRY

Professor CLARK; Assistant Professor WEAVER; Mr. WEBSTER, Mrs. STOGIS

#### FIRST YEAR

1. THEORETICAL CHEMISTRY.—Two lectures, one recitation each week. I.  
Professor CLARK, Assistant Professor WEAVER
2. GENERAL CHEMISTRY.—Two lectures, one recitation each week. II.  
Professor CLARK, Assistant Professor WEAVER
3. QUALITATIVE ANALYSIS.—One lecture and one laboratory period of two hours each week. I.  
Assistant Professor WEAVER, Mrs. STOGIS
4. QUALITATIVE ANALYSIS.—A continuation of Chem. 3. One lecture and one laboratory period of three hours each week. II. Assistant Professor WEAVER, Mrs. STOGIS

SECOND YEAR

5. ORGANIC CHEMISTRY.—Two lectures and one recitation each week. I.  
Professor CLARK, Assistant Professor WEAVER
6. ORGANIC CHEMISTRY.—Two lectures, one recitation each week. II.  
Professor CLARK, Assistant Professor WEAVER
7. ELEMENTARY QUANTITATIVE ANALYSIS.—Two lectures or recitations and two laboratory periods of three hours each week. I. Professor CLARK, Mr. WEBSTER
8. QUANTITATIVE ANALYSIS.—Two lectures or recitations and two laboratory periods of three hours each week. II. Professor CLARK, Mr. WEBSTER

THIRD YEAR

9. ORGANIC CHEMISTRY.—One lecture or recitation and two laboratory periods of three hours each week. I. Professor CLARK, Mr. WEBSTER
10. ADVANCED QUANTITATIVE ANALYSIS.—A continuation of Chem. 7. One lecture or recitation and two laboratory periods of three hours each week. I. Professor CLARK, Mr. WEBSTER
11. FOOD ANALYSIS.—One lecture or recitation and two laboratory periods of four hours each week. II. Professor CLARK, Mr. WEBSTER
12. ALKALOIDS.—One lecture or recitation and two laboratory periods of three hours each week. II. Professor CLARK, Mr. WEBSTER

MATERIA MEDICA AND BOTANY

Professor DAY; Assistant Professor GATHERCOAL; Mr. WIRTH, Dr. GROOT, Mr. DORJAHN, Miss STUCHLIK

FIRST YEAR

1. GENERAL BOTANY.—Two lectures, one recitation and one laboratory period of one hour each week. I. Professor DAY
2. PLANT HISTOLOGY.—One laboratory period of two hours each week. I. Assistant Professor GATHERCOAL; Mr. WIRTH, Mr. DORJAHN
3. PLANT HISTOLOGY.—A continuation of Bot. 2. One laboratory period of two hours each week. II. Assistant Professor GATHERCOAL; Mr. WIRTH, Mr. DORJAHN
4. PHYSIOLOGY AND HYGIENE.—Two lectures and one recitation each week. I. Dr. GROOT
5. MATERIA MEDICA.—Two lectures and one recitation each week. II. Professor DAY
6. PHARMACOGNOSY.—Crude drugs, including their recognition, description, and characteristic features. Drugs derived from the cryptogams, the gymnosperms, and the monocotyledons. One hour recitation and one hour laboratory each week. II. Assistant Professor GATHERCOAL; Mr. WIRTH, Mr. DORJAHN

SECOND YEAR

7. MATERIA MEDICA.—Two lectures and one recitation each week. I, II. Professor DAY
8. PHARMACOGNOSY.—A continuation of Pharmacognosy 6. One laboratory period of three hours and one recitation each week. One and one-half semesters. Mr. WIRTH, Mr. DORJAHN
9. BACTERIOLOGY.—One lecture or recitation and three laboratory periods of three hours each week. Two-thirds semester. Assistant Professor GATHERCOAL, Miss STUCHLIK

THIRD YEAR

10. APPLIED MICROSCOPY.—One lecture or recitation and two laboratory periods of three hours each week. I. Assistant Professor GATHERCOAL, Mr. WIRTH
11. BACTERIOLOGY.—Two hours of lectures and recitations, seven hours of laboratory each week. II. (*Second half*). Assistant Professor GATHERCOAL

THE UNIVERSITY OF CHICAGO

THE UNIVERSITY OF CHICAGO  
CHICAGO, ILLINOIS  
JANUARY 1900

TO THE PRESIDENT OF THE UNIVERSITY OF CHICAGO  
FROM THE FACULTY OF THE UNIVERSITY OF CHICAGO

Resolved, That the Faculty of the University of Chicago  
do hereby express its appreciation of the services rendered  
by the President of the University of Chicago during his  
term of office, and do hereby express its confidence in the  
FACULTY OF THE UNIVERSITY OF CHICAGO

## PART III

### DESCRIPTION OF COURSES

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#### EXPLANATION

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The arrangement of subjects in the following Description of Courses is alphabetical. The connections of allied departments are indicated by cross references.

Following the description of each course of instruction will be found the requirements, if any, for admission to that particular course. The sequence indicated by these prerequisites must be followed. For instance, under Art and Design 7a, Still-life in Oil Colors, the prerequisites given are Art and Design 1 and 2. These two courses must be completed before Course 7a may be taken.

If a course not required for graduation is selected by fewer than five students it may be withdrawn for the semester.

Graduate courses are numbered upward from 100.

Credit is reckoned, *for undergraduate students*, in *semester hours*, or simply *hours*. An hour is one class period a week for one semester or the equivalent in laboratory, shop, or drawing room.

The semester and the number of hours each semester for which the course counts are shown after each course, thus: I, II; (2). The Roman figures indicate semesters; the Arabic numerals in parentheses indicate hours of credit for *each semester* for undergraduates.

*Credit for first-year graduate students*, candidates for the master's degree, is counted in units. A unit course is one which requires ten hours of time a week through one semester, irrespective of the distribution of that time in class work, laboratory work, and private study; four such courses or their equivalent constitute a full minimum program for one semester. The unit values of graduate courses (numbered 100 and upward) are indicated in the following pages. Courses of the intermediate groups "for graduates and advanced undergraduates," are in general (unless otherwise specified by the department concerned) evaluated as follows for graduate credit: (a) courses open only to students having at least senior standing, 1 unit for a 4-hour or 5-hour course,  $\frac{1}{2}$  unit for a 1-hour, 2-hour, or 3-hour course; (b) courses open to juniors,  $\frac{1}{2}$  unit for a 4-hour or 5-hour course;  $\frac{1}{4}$  unit for a 1-hour, 2-hour, or 3-hour course.

*For second-year and third-year graduate students*, candidates for the doctor's degree, no record of units is kept.

The omission of a course for the current year is indicated by enclosing the entire description of such a course in brackets.

Courses given in the summer session of 1923 are indicated by the initial letter S preceding the number and are grouped by departments after the courses given during the winter.



## ACCOUNTANCY

(See BUSINESS ORGANIZATION AND OPERATION.)

## AGRICULTURAL COLLEGE EXTENSION

Professor RANKIN; Dr. HIERONYMUS, Mr. YOUNG, Mr. GATES

4. ELEMENTARY AGRICULTURAL EXTENSION.—Lectures. Required of first-year students who have never done University work. Credit given to agricultural freshmen only. I; (1). Assistant Dean RANKIN and others

## AGRICULTURAL EDUCATION

(See EDUCATION.)

## AGRONOMY

Professor BURLISON; Associate Professors SMITH, DETURK, WOODWORTH; Assistant Professors WIMER, SEARS, PIEPER; Mr. RICHMOND, Mr. HARLAND, Mr. CRANE, Mr. CARNEY, Mr. B. B. CLARK, Mr. IFTNER, Mr. F. M. CLARK

## COURSES FOR UNDERGRADUATES

8. FORAGE CROPS.—The adaption, culture, utilization, and preservation of forage plants. Lectures; discussions; assigned readings. II; (3). Assistant Professor PIEPER  
*Prerequisite:* Agronomy 25.

9. SOIL PHYSICS AND MANAGEMENT.—Origin, formation, and classification of soils; organic matter; drainage; irrigation; temperature; aeration; tillage; soil erosion; rotation. Lectures; laboratory; quiz. I; (5). II; (3). Assistant Professor WIMER, Mr. HARLAND, Mr. B. B. CLARK

*Prerequisite:* I, Chemistry 2a; II, Chemistry 2a, Geology 44.

12. SOIL FERTILITY.—Permanent maintenance; chemistry; crop rotations; fertilizing materials. Lecture; quiz; laboratory.<sup>1</sup> I or II; (3).

Associate Professor DETURK, Assistant Professor SEARS, Mr. CRANE, Mr. F. M. CLARK  
*Prerequisite:* Chemistry 8 and 19.

14. GRAIN GRADING AND MARKETING.—(For advanced students who expect to enter the grain or seed business.) Sampling, inspection, and grading according to the Federal Grain Standards, methods; and problems of marketing. Lecture; laboratory. I; (2). Assistant Professor PIEPER

*Prerequisite:* Economics 13; Agronomy 25.

18a-18b. INVESTIGATION WITH THESIS.—Soil Fertility. I, II; (5).

Associate Professor DETURK

18c-18d. INVESTIGATION WITH THESIS.—Soil Physics. I, II; (5).

Associate Professor SMITH

18e-18f. INVESTIGATION WITH THESIS.—Soil Biology. I, II; (5).

Assistant Professor SEARS

18g-18h. INVESTIGATION WITH THESIS.—Plant Breeding. I, II; (5).

Associate Professor WOODWORTH

18j-18k. INVESTIGATION WITH THESIS.—Field Crops. I, II; (5).

Professor BURLISON

*Prerequisite:* 90 hours of university work including not less than 20 hours pertinent to the thesis problem and the approval of the head of the department. These courses continue through the year. Credit is not given for either semester separately.

[25. FARM CROPS.—I or II; (4). Not given in 1923-24.

Assistant Professor PIEPER; Mr. CARNEY, Mr. IFTNER]

## COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

7. ADVANCED CROP PRODUCTION.—Ecological behavior of farm crops. Lectures; assigned reading. II; (3). Professor BURLISON, Assistant Professor PIEPER

*Prerequisite:* Agronomy 25; Botany 27a.

<sup>1</sup>The student is advised to collect in advance a representative composite sample of surface soil (at least six pounds) from land in which he is interested. Consult instructor before collecting sample.

## 10. SPECIAL WORK IN SOIL PHYSICS.—Lectures; laboratory. II; (3).

Associate Professor SMITH, Assistant Professor WIMER

*Prerequisite:* Agronomy 9.

## 11. SOIL BIOLOGY.—Biochemical activities of soil micro-organisms; nitrogen fixation, assimilation, and preservation. Lectures; quiz; laboratory. II; (5).

Assistant Professor SEARS, Mr. RICHMOND

*Prerequisite:* Agronomy 12; Bacteriology 5a and 5b, or Bacteriology 20.

## 13. SPECIAL WORK IN SOIL FERTILITY.—Laboratory and greenhouse. II; (3).

Associate Professor DETURK

*Prerequisite:* Agronomy 12.

## 22. PLANT BREEDING.—Lectures; assigned reading; demonstrations. I or II; (3).

Associate Professor WOODWORTH

*Prerequisite:* Animal Husbandry 8 or Zoology 15.

## COURSES FOR GRADUATES

## 101. SOIL INVESTIGATIONS.—Methods; sources of error; survey of literature. I, II; (1 unit).

Associate Professor DETURK

104. SEMINAR IN AGRONOMY.—I, II; ( $\frac{1}{2}$  unit).

Heads of Divisions

111. SOIL BIOLOGY.—Biochemical, statistical, and other methods. I; ( $\frac{1}{2}$  to 1 unit).<sup>1</sup>

Associate Professor DETURK

## 112. ADVANCED PLANT BREEDING.—Genetics of crop plants; inheritance of size, yield, disease resistance, and of effects of selection; linkage and correlated characters, multiple allelomorphs. Lectures. I; (1 unit).

Associate Professor WOODWORTH

114. CROP PRODUCTION.—Ecology; methods and results of investigations. I, II; ( $\frac{1}{2}$  to 2 units).<sup>1</sup>

Professor BURLISON

118. RESEARCH.—Special Problems. I, II; (1 to 4 units).<sup>1</sup>

Heads of Divisions

## ANATOMY

(See ZOOLOGY.)

## ANIMAL HUSBANDRY

Professors RUSK, MUMFORD, GRINDLEY, EDMONDS, GRAHAM, CARD; Associate Professors MITCHELL, BULL; Assistant Professors SNAPP, ROBERTS, KAMMLADE, RICE; Dr. BOUGHTON, Mr. CRAWFORD, Mr. HAMILTON, Mr. LAIBLE, Dr. TUNNICLIFF, Mr. McILROY, Mr. MACKEY, Mr. KNOX, Mr. CARMAN, Mr. CLARK, Mr. LINDSEY, Mr. KICK

## COURSES FOR UNDERGRADUATES

## 1a. SHEEP: BREEDS AND MARKET CLASSES.—Mutton and wool production. Lectures; judging. I; (2).

Assistant Professor KAMMLADE, Mr. MACKEY

*Prerequisite:* Animal Husbandry 5.

## 1b. SHEEP: BREEDING, FEEDING, AND MANAGEMENT.—Lectures; reference reading; quizzes. I; (3).

Assistant Professor KAMMLADE, Mr. MACKEY

*Prerequisite:* Animal Husbandry 21. (It is advisable to take 1a and 1b simultaneously.)

## 2a. SWINE JUDGING.—Breeds, types, characteristics, and adaptability. Lectures; judging. II; (2).

Mr. LAIBLE, Assistant Professor RICE

*Prerequisite:* Animal Husbandry 5.

## 2b. PORK PRODUCTION.—Lectures; assigned readings; quizzes. II; (3).

Assistant Professor RICE, Mr. LAIBLE

*Prerequisite:* Animal Husbandry 21. (It is advisable to take 2a and 2b simultaneously.)

<sup>1</sup>In registering for a course with variable unit value, a student must put down on his study-list, not the possible value, as shown here, but the number of units for which he intends to take the course; e.g., not  $\frac{1}{2}$ -1 but  $\frac{1}{2}$ , or 1.

4a. HORSE AND MULE JUDGING.—Breeds; types, characteristics, and adaptability. Lectures; judging; quizzes. II; (2). Professor EDMONDS, Mr. CRAWFORD  
*Prerequisite:* Animal Husbandry 5.

4b. FEEDING, BREEDING, AND MANAGEMENT OF HORSES AND MULES.—Lectures; assigned readings; quizzes. II; (3). Professor EDMONDS, Mr. CRAWFORD  
*Prerequisite:* Animal Husbandry 21.

5. PRINCIPLES OF LIVE STOCK JUDGING.—I or II; (3).

Assistant Professor SNAPP and others

9a-9b. INVESTIGATION WITH THESIS: BEEF CATTLE.—I, II; (5).

Professor RUSK, Assistant Professor SNAPP

9c-9d. INVESTIGATION WITH THESIS: HORSES.—I, II; (5).

Professor EDMONDS

9e-9f. INVESTIGATION WITH THESIS: SHEEP.—I, II; (5).

Assistant Professor KAMMLADE

9g-9h. INVESTIGATION WITH THESIS: SWINE.—I, II; (5).

9j-9k. INVESTIGATION WITH THESIS: POULTRY.—I, II; (5).

Professor CARD

9l-9m. INVESTIGATION WITH THESIS: ANIMAL NUTRITION.—I, II; (5).

Professor GRINDLEY, Associate Professor MITCHELL

9n-9p. INVESTIGATION WITH THESIS: ANIMAL BREEDING.—I, II; (5).

Assistant Professor ROBERTS

9q-9r. INVESTIGATION WITH THESIS: ANIMAL PATHOLOGY.—I, II; (5).

Professor GRAHAM

9s-9t. INVESTIGATION WITH THESIS: MEATS.—I, II; (5).

Associate Professor BULL

*Prerequisite:* 90 hours university work including not less than 20 hours pertinent to the thesis problem and the approval of the head of the department. Credit is not given for either semester separately.

11a. BEEF CATTLE JUDGING.—Lectures; quizzes; judging. I; (2).

Professor RUSK, Assistant Professor SNAPP, Mr. KNOX, Mr. CLARK

*Prerequisite:* Animal Husbandry 5.

11b. BEEF PRODUCTION.—Lectures; quizzes; assigned readings. I; (3).

Professor RUSK, Assistant Professor SNAPP, Mr. KNOX, Mr. CLARK

*Prerequisite:* Animal Husbandry 21. (It is advisable to take 11a and 11b simultaneously.)

12. INVESTIGATION.—Open to students who have completed not less than 90 hours credit before the senior year provided that not less than 20 hours' work has been done in courses pertinent to the problem. I or II; (5). Members of the Department

21. PRINCIPLES OF FEEDING.—I or II; (3).

Assistant Professor BULL, Mr. LUHNOW, Mr. CARMAN, Mr. HAMILTON

*Prerequisite:* Chemistry 2a; Animal Husbandry 5.

34. ANATOMY AND PHYSIOLOGY OF FARM ANIMALS.—Lectures; readings; quizzes. I; (3). Dr. BOUGHTON

*Prerequisite:* Animal Husbandry 21.

35. CONTAGIOUS DISEASES OF FARM ANIMALS.—Lectures; readings; quizzes. II; (2).

Professor GRAHAM

*Prerequisite:* Animal Husbandry 34; Bacteriology 5a.

36. MEATS.—Production and consumption of meat. Lectures. I; (2).

Associate Professor BULL

*Prerequisite:* Animal Husbandry 21 or Home Economics 1.

37. POULTRY MANAGEMENT.—Lectures; readings; quizzes. II; (3).

Professor CARD

*Prerequisite:* Animal Husbandry 21.

38. POULTRY BREEDS AND JUDGING.—From the students in this class will be chosen the team to represent the University in the Annual Mid-West Inter-collegiate Student Poultry Judging Contest. This class will visit a near-by poultry show; estimated cost of trip, \$10. I; (2). Professor CARD

*Prerequisite:* Animal Husbandry 37.

## COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

## 7. PRINCIPLES OF ANIMAL NUTRITION.—Lectures; recitations. I; (5).

Associate Professor MITCHELL  
*Prerequisite:* Animal Husbandry 21; Chemistry 8 and 9.

## 10. MEAT.—Farm butchering, curing, and care of meats. The class will visit a Chicago packing house; estimated cost of trip, \$15. II; (3).

Associate Professor BULL  
*Prerequisite:* Animal Husbandry 21 and 36.

## 22. ADVANCED STOCK JUDGING.—From the students in this class will be chosen the team to represent the University in the Annual Inter-collegiate Student Judging Contest. I; (3).

Heads of Divisions  
*Prerequisite:* Credit in two of the following courses and credit or registration in a third: Animal Husbandry 1a, 2a, 4a, and 11a.

## [24. MEAT.—II; (2-5). Not given in 1923-24.

*Prerequisite:* Animal Husbandry 10 and 22.]

## [26. PORK PRODUCTION.—I; (2). Not given in 1923-24.

Assistant Professor RICE  
*Prerequisite:* 90 hours of university work, including Animal Husbandry 2a, 2b.]

## 27. SHEEP HUSBANDRY.—II; (3).

Assistant Professor KAMMLADE  
*Prerequisite:* 90 hours of university work, including Animal Husbandry 1a, 1b.

## 28. HISTORY OF BREEDS OF LIVE STOCK.—Lectures; readings; problems. II; (3).

Heads of Divisions  
*Prerequisite:* Credit or registration in two of the following courses: 1a, 2a, 4a, 11a. It is recommended that this course precede Animal Husbandry 22.

## 29. SYSTEMS OF LIVE STOCK FARMING.—Physical and economic factors; economic organization. The class will visit some of the live stock farms included in the cost accounting investigations conducted by the Departments of Animal Husbandry and Farm Organization and Management; estimated cost of trips, \$15. II; (2). Assistant Professor CASE

*Prerequisite:* Farm Management 1; 6 hours' credit from 1b, 2b, 4b or 11b.

## 31. ADVANCED COURSE IN ANIMAL NUTRITION.—Physiology; factors affecting metabolism. Lectures; quizzes; readings. II; (3).

Associate Professor MITCHELL  
*Prerequisite:* 90 hours of university work, including Animal Husbandry 7.

## [32. MARKETING LIVE STOCK.—II; (2). Not given, 1923-24.

*Prerequisite:* 60 hours of university work. At least 4 hours' credit in Animal Husbandry 1a, 2a, 4a, and 11a.]

## 39. POULTRY PRODUCTION.—Breeding, incubation, brooding, and rearing. Lectures; laboratory. II; (3).

Professor CARD, Mr. McILROY  
*Prerequisite:* Animal Husbandry 37.

## 40. ECONOMICS OF POULTRY KEEPING.—Lectures; recitations; laboratory. I; (3).

Professor CARD  
*Prerequisite:* Animal Husbandry 38 and 39.

## 41. ANIMAL BREEDING.—History of domestication; physiology; heredity; systems; biometry. Lectures; demonstrations; laboratory. II; (3). Assistant Professor ROBERTS

*Prerequisite:* Zoology 15.

## COURSES FOR GRADUATES

Students entering graduate work in animal husbandry must have had a thoro training in the fundamental principles of the subject either in connection with or in addition to a course of study in agriculture substantially equivalent to that offered in this University.

103. EXPERIMENT STATION PROBLEMS.—Objects, methods, and sources of error in experimental work. II; ( $\frac{1}{2}$  unit).

Professor MUMFORD

110. ANIMAL NUTRITION.—Biochemistry, digestion, metabolism of proteins. I, II; ( $\frac{1}{2}$  unit).

Professor GRINDLEY, Associate Professor MITCHELL

[111. ANIMAL NUTRITION.—I, II; ( $\frac{1}{2}$  unit). Not given in 1923-24.

Professor GRINDLEY, Associate Professor MITCHELL]

112. RESEARCH.—I, II; (1 to 2 units). These courses may be taken during the summer by special permission.
- a. Economic factors involved in meat production.
  - [b. Systems of live stock farming. Not given 1923-24.]
  - [c. The valuation of pedigrees. Not given 1923-24.]
  - d. Animal nutrition. Professor GRINDLEY, Associate Professor MITCHELL
  - e. Animal breeding. Assistant Professor ROBERTS
  - f. Poultry husbandry. Professor CARD.
117. ANIMAL BREEDING.—I, II; (1 unit). Assistant Professor ROBERTS
118. ANIMAL NUTRITION SEMINAR.—I, II; ( $\frac{1}{2}$  unit). Associate Professor MITCHELL
119. LABORATORY METHODS IN ANIMAL NUTRITION.—I, II; ( $\frac{1}{2}$  to 1 unit). Associate Professor MITCHELL
120. LABORATORY METHODS IN THE DIAGNOSIS OF ANIMAL DISEASES.—I, II; ( $\frac{1}{2}$  to 1 unit). Professor GRAHAM

## ARCHITECTURE

Professors PROVIN, RICKER, WHITE, NEWCOMB; Associate Professor DILLENBACK; Assistant Professors PALMER, TITCOMB, BAILEY, O'DONNELL; Mr. MCANLIS, Mr. LANGFORD, Mr. PATTERSON, Mr. KECK, Miss WOODROOFE, Mr. PICKERING, Mr. LESCHER, Mr. KISSINGER, Mr. LAKE, Mr. HALL, Miss FEHRENKAMP

### A. ARCHITECTURE

13, 14, 15, 16, 18. HISTORY OF ARCHITECTURE.—From the Egyptian period to modern times. Evolution of architectural forms. Illustrated lectures; quizzes. I, II; (2).

Professor NEWCOMB, Assistant Professor O'DONNELL

*Prerequisite:* Architecture 31 and 32 for architects. Sophomore standing for others.

23-24. FREEHAND DRAWING.—Charcoal drawing from the cast. Water color work. I, II; (2). Miss WOODROOFE

*Prerequisite:* Architecture 32.

25. FREEHAND DRAWING.—Arrangement of form and color; rhythm and sequence; harmony and contrast. I; (2). Mr. PATTERSON

*Prerequisite:* Architecture 24.

26. FREEHAND DRAWING.—Charcoal, pen, pencil, and water color drawing from the cast and still life. Out-of-door sketching. II; (2). Mr. PATTERSON

*Prerequisite:* Architecture 25.

27. FREEHAND DRAWING.—Sketching from still life; study of proportions. I; (2). Mr. PATTERSON

*Prerequisite:* Architecture 26.

28. FREEHAND DRAWING.—Water color; original decorative composition; out-of-door sketching. I, II; (2). Mr. PATTERSON

*Prerequisite:* Architecture 27.

31. ARCHITECTURAL AND FREEHAND DRAWING.—Instruments, pen, pencil, and brush; lettering; shades and shadows; perspective. Charcoal drawing from the cast. I; (4). Miss WOODROOFE, Assistant Professor TITCOMB, Mr. KISSINGER

*Prerequisite:* Registration in General Engineering Drawing 2.

32. ARCHITECTURAL AND FREEHAND DRAWING.—Elements of architecture; walls, moldings, doors, windows, the Orders, vaults, roofs, stairs. Wash rendering, charcoal drawing from the cast. Lectures and sketching. II; (4).

Miss WOODROOFE, Assistant Professor TITCOMB, Mr. KISSINGER

*Prerequisite:* Architecture 31.

33-34. DESIGN.—(Elementary). Rendered order and sketch problems. I, II; (3). Assistant Professor BAILEY

*Prerequisite:* Architecture 32.

35-36. DESIGN.—(Intermediate). Rendered plan and sketch problems. I, II; (5). Mr. PICKERING

*Prerequisite:* Architecture 34; registration in Architecture 65, 66.

37. DESIGN.—(Advanced). Original design. I; (7).

*Prerequisite:* Architecture 36.

Associate Professor DILLENBACK

38. ADVANCED DESIGN.—I, II; (7).

*Prerequisite:* Architecture 37.

Associate Professor DILLENBACK

43. TECHNOLOGY OF MATERIALS.—Growth, cutting, seasoning, working, and finishing of woods; detailing on large scale; floors, walls, roofs, doors, windows, cornices, stairs, wainscoting, cabinet-work, interior finish; working drawings. I; (3).

Mr. LANGFORD, Mr. LESCHER

*Prerequisite:* General Engineering Drawing 2, Architecture 31, 32 for students in the Department of Architecture; consent of the instructor for others.

44. TECHNOLOGY OF MATERIALS.—Materials for stone masonry; kinds of masonry and external finish; tools for stone cutting; brick masonry; terra cotta; columns, beams, girders, and footings; joints and connections. Working drawings. II; (3).

Mr. LANGFORD, Mr. LESCHER

*Prerequisite:* General Engineering Drawing 2; Architecture 31, 32, 43.

45. GRAPHIC STATICS.—Trussed roofs; steel and masonry arches, domes. Graphic representation of reactions, bending moments, shear and deflection in beams. (For architects.) I; (3).

Mr. MCANLIS, Mr. LAKE

*Prerequisite:* Theoretical and Applied Mechanics 14, 15, 16.

46. ROOFS.—Wooden and steel roofs; determination of section of members; design of joints; mill and steel skeleton construction. II; (3).

Mr. MCANLIS, Mr. LAKE

*Prerequisite:* Architecture 45.

55. BUILDING SANITATION.—Plumbing; water closets; drains and systems of water supply; sewage disposal. (For architects.) Recitations; lectures; designs for special problems. II; (1).

Mr. LESCHER

*Prerequisite:* Physics 9a-9b, 10a-10b; Architecture 43, 44.

59. DOMESTIC ARCHITECTURE.—(Given in connection with Home Economics 2.) Lectures; criticism. I.

Professor NEWCOMB and others

60a. SPECIAL LECTURES.—(For architects.) II; (2).

*Prerequisite:* Senior standing.

Assistant Professor PALMER

65-66. THEORY OF ARCHITECTURE.—Influence of function on form, plan, and elevation; problem analysis. Lectures; research; exercises. I, II; (1).

Assistant Professor TITCOMB

*Prerequisite:* Registration in Architecture 35, 36.

67. THEORY OF FORM.—Arrangement of form; architectural ornament and composition, proportion and balance. II; (2).

Mr. PATTERSON

*Prerequisite:* Senior standing in architecture.

68. SPECIFICATIONS.—General and special clauses; practice in writing several sets; relations of the architect, owner, and builder; office organization; building ordinances; ethics. (For architects.) I; (3).

Professor PROVINE

*Prerequisite:* Senior standing in architecture.

97-98. THESIS.—I, II; (7).

Associate Professor DILLENBACK

99. INSPECTION TRIP.—I; (no credit.)

*Prerequisite:* Senior standing.

COURSES FOR GRADUATES

Entrance on graduate work in architecture presupposes the full undergraduate course in that subject. Semi-weekly conferences are held and additional instruction given in all courses as may be required.

101. ARCHITECTURAL CONSTRUCTION.—Design of special structures. I, II; ( $\frac{1}{2}$  to 1 unit).<sup>1</sup>

Professor PROVINE, Assistant Professor PALMER

102. SANITATION OF BUILDINGS.—I; ( $\frac{1}{4}$  to  $\frac{1}{2}$  unit).<sup>1</sup>

Professor RICKER

<sup>1</sup>In registering for a course with variable units a student should put down on his study list not the possible units, as shown here, but the number of units for which he intends to take the course; e.g., not 1-3, but 1, or 2, or 3.

103. ADVANCED ARCHITECTURAL GRAPHICS.—I, II; (1 to 2 units).<sup>1</sup>  
Professor PROVINE, Assistant Professor PALMER
104. ARCHITECTURAL DESIGN.—Advanced course. I, II; (1 to 2 units).<sup>1</sup>  
Associate Professor DILLENBACK
105. ARCHITECTURAL PRACTICE.—Contracts, specifications, and office methods. I;  
(1/4 to 1/2 unit). Professor PROVINE
106. ARCHITECTURAL HISTORY.—Special research. I, II; (1/2 to 2 units).<sup>1</sup>  
Professor RICKER, Professor NEWCOMB

## B. ARCHITECTURAL ENGINEERING

33. ARCHITECTURAL DRAWING.—Lettering; elements of architecture; walls, mouldings, windows, doors, shades and shadows, perspective, the Orders, vaults, roofs, stairs; wash rendering, stereotomy, charcoal drawing from the cast. Lectures; sketching. I; (3).  
Mr. KECK, Mr. HALL

*Prerequisite:* General Engineering Drawing 1, or 4, and 2.

34. DESIGN.—(Elementary.) Rendered order and sketch problems; library research. II; (3).  
Mr. KECK, Mr. HALL

*Prerequisite:* Architectural Engineering 33.

- 35-36. DESIGN.—(Intermediate.) Rendered plan and sketch problems; library research. I, II; (3).  
Mr. KECK

*Prerequisite:* Architectural Engineering 34.

43. TECHNOLOGY OF MATERIALS.—See Architecture 43. (For architectural engineers.) I; (2).  
Mr. LANGFORD

*Prerequisite:* General Engineering Drawing 1, 2.

44. TECHNOLOGY OF MATERIALS.—See Architecture 44. II; (2). Mr. LANGFORD

*Prerequisite:* Architectural Engineering 33, 43; General Engineering Drawing 1, 2.

45. GRAPHIC STATICS.—Application to forces; beams under fixed and moving loads. I; (3).  
Mr. MCANLIS, Mr. LAKE

*Prerequisite:* Theoretical and Applied Mechanics 20; registration in Theoretical and Applied Mechanics 25.

46. ADVANCED GRAPHIC STATICS.—Analysis of masonry arches, domes, and vaults; large and unusual forms of roof trusses. II; (3).  
Mr. MCANLIS, Mr. LAKE

*Prerequisite:* Architectural Engineering 45.

47. ARCHITECTURAL ENGINEERING.—Design and working drawings of trusses, members and joints, plate girders, chimneys; investigations of wind bracing. I; (5).  
Assistant Professor PALMER, Mr. MCANLIS

*Prerequisite:* Theoretical and Applied Mechanics 26; Architectural Engineering 44,

- 46.
48. ARCHITECTURAL ENGINEERING.—Footings; framed structures; working drawings. II; (5).  
Assistant Professor PALMER, Mr. MCANLIS

*Prerequisite:* Architectural Engineering 47.

57. FIREPROOF CONSTRUCTION.—Reinforced concrete and other forms. I; (2).  
Assistant Professor PALMER

*Prerequisite:* Theoretical and Applied Mechanics 26; Architectural Engineering 44, 46; registration in Architectural Engineering 47.

58. FIREPROOF CONSTRUCTION.—(Continuation of first semester's work.) II; (2).  
Assistant Professor PALMER

*Prerequisite:* Architectural Engineering 47, 57; registration in Architectural Engineering 48.

67. BUILDING SANITATION.—See Architecture 55. (For architectural engineers.) Recitations; lectures; quizzes; designs for special problems. II; (2).  
Mr. LESCHER

*Prerequisite:* Physics 1a-3a, 1b-3b; Architectural Engineering 43 and 44.

<sup>1</sup>In registering for a course with variable units, a student should put down on his study-list, not the possible units, as shown here, but the number of units for which he intends to take the course; e.g., not 1-3, but 1, or 2, or 3.

68. ESTIMATES AND SPECIFICATIONS.—Estimating; specifications; general and special clauses; relations of architect, owner, and builder. (For architectural engineers.) II; (4).  
Professor PROVINE

*Prerequisite:* Senior standing in architectural engineering.

99. INSPECTION TRIP.—I; (no credit).

*Prerequisite:* Senior standing.

## ART AND DESIGN

Assistant Professors LAKE, BRADBURY; Professor TAFT (non-resident); Miss WETMORE, Mr. NEARPASS, Mr. DONOVAN, Miss ANDERSON

1. FREEHAND DRAWING.—Charcoal and pencil; perspective; light, shadow, shade, and reflections in monochrome; graphical representation. I or II; (3).

Assistant Professor BRADBURY, Mr. NEARPASS, Mr. DONOVAN

2. PICTORIAL COMPOSITION.—Line and pattern. Landscape. II; (2).

Assistant Professor BRADBURY

*Prerequisite:* Art and Design 1.

3a-3b. FIGURE DRAWING.—Drawing from posed model; anatomy; proportion, construction, composition, and action in the representation of the human figure. I, II; (3).

Assistant Professor BRADBURY

*Prerequisite:* Art and Design 1.

4a-4b. WATER COLOR PAINTING.—Still-life; flowers and outdoor sketching. I, II; (3).

Miss WETMORE

*Prerequisite:* Art and Design 1.

5a-5b. DRAWING FROM LIFE.—Monochrome, with application to pictorial and decorative purposes. I, II; (3).

Miss WETMORE

*Prerequisite:* Art and Design 1, 3a.

6a-6b. FIGURE AND PORTRAIT PAINTING.—Painting in oil and water colors from costumed models; portrait and character study. I, II; (3).

Miss WETMORE

*Prerequisite:* Art and Design 1, 3a, 5a.

7a-7b. STILL-LIFE IN OIL COLORS.—Still-life; flowers and outdoor sketching.

Miss WETMORE

*Prerequisite:* Art and Design 1, 2.

8a-8b. MODELING.—Clay modeling of anatomical and decorative forms; plaster molds, and models; sculptural art. I, II; (3).

Assistant Professor LAKE

*Prerequisite:* Art and Design 1.

9a. COURSE FOR TEACHERS.—Work in common school art study for the first six grades; organization, equipment, and the administrative duties of the supervisor. I, (3).

Miss ANDERSON

*Prerequisite:* Art and Design 1, 12.

9b. COURSE FOR TEACHERS.—Work in common school art study for the seventh and eighth grades and high school; organization, equipment, and the administrative duties of the supervisor. II; (3).

Miss ANDERSON

*Prerequisite:* Art and Design 1, 9a, 12.

10. SKETCHING.—Pen, pencil, wash, charcoal, pastel; methods in sketching from still-life, landscape, and figure. II; (1).

Assistant Professor BRADBURY

*Prerequisite:* Art and Design 1 and 2 or 3.

12. DESIGN.—Theory of pure design; effects of material on execution; fitness of various forms of media; space divisions and relations; color schemes and exercises; conventionalization of natural forms. I, II; (2).

Assistant Professor LAKE

*Prerequisite:* Art and Design 1.

14a-14b. APPLIED DESIGN.—Decorative illustration in black and white and in color applied to posters, covers, book-plates, etc.; processes of reproduction in printing. I, II; (3).

Assistant Professor BRADBURY

*Prerequisite:* Art and Design 1, 12.

19. HISTORY OF FINE ARTS.—Periods and styles of architecture, sculpture, and painting previous to the Italian Renaissance. I; (2).

Assistant Professor LAKE

*Prerequisite:* One year of college work.



20. HISTORY OF FINE ARTS.—Periods and styles of architecture, sculpture, and painting of the Italian Renaissance and to the present time. II; (2).

Assistant Professor LAKE

*Prerequisite:* One year of college work.

#### SUMMER SESSION COURSES

S1. ELEMENTARY ART.—Form drawing from still-life, cast, and nature; outline and shading in charcoal; lectures on perspective. (2).

Assistant Professor LAKE

S9. ART FOR THE COMMON SCHOOLS.—The planning and execution of work in common school art study; blackboard drawing. Lectures on organization, equipment, and the administrative side of the supervisor's work. (2).

Assistant Professor LAKE

S20. HISTORY OF FINE ARTS.—Equivalent to course 20.

Assistant Professor LAKE

#### ASSYRIAN

(See ORIENTAL LANGUAGES AND LITERATURE.)

#### ASTRONOMY

Professor BAKER, Dr. WYLIE

No major is offered in astronomy. Students who make mathematics, physics, or geology their major may well take Astronomy 7, 14, 15 or 9, 10, 14 as a minor.

#### COURSES FOR UNDERGRADUATES

1. DESCRIPTIVE ASTRONOMY.—The earth as an astronomical body; the solar system. Lectures; recitations; laboratory. I; (3). (Credit is not given for both 1 and 3.)

Professor BAKER, Dr. WYLIE

*Prerequisite:* Sophomore standing.

2. DESCRIPTIVE ASTRONOMY.—Continuation of course 1. Sun; stars and nebulae; structure of the universe; cosmic evolution. Lectures; recitations; laboratory. II; (3).

Professor BAKER

*Prerequisite:* Astronomy 1.

3. GENERAL ASTRONOMY.—Similar to course 1, but more technical. Lectures; recitations; laboratory. (Credit is not given for both 1 and 3.) II; (3).

Dr. WYLIE

*Prerequisite:* Mathematics 4; sophomore standing; General Physics desirable.

6. NAUTICAL ASTRONOMY.—Longitude and latitude. The sextant; navigation. Lectures; observations; computations. I; (3).

Dr. WYLIE

*Prerequisite:* Mathematics 7.

#### COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

7. CELESTIAL MECHANICS.—Central forces; potentials; differential equations of planetary motion; orbit determination. Lectures; problems. I; (3).

Dr. WYLIE

*Prerequisite:* Mathematics 9.

9. ASTROPHYSICS.—Solar and stellar phenomena. Lectures; discussions; reference reading; observations. I; (3).

Professor BAKER

*Prerequisite:* Astronomy 1; General Physics; or consent of instructor.

10. STELLAR PHOTOMETRY.—Visual, photographic, and photo-electric photometry; variable stars. Discussions; observations; reductions. II; (2).

Professor BAKER

*Prerequisite:* Astronomy 1; General Physics; or consent of instructor.

14. OBSERVATIONAL ASTRONOMY.—Special problems. Laboratory. I or II; (2 or 3).<sup>1</sup>

Professor BAKER, Dr. WYLIE

*Prerequisite:* Astronomy 10 or 15; or consent of instructor.

<sup>1</sup>In registering for a course with variable credit hours, a student must put down on his study-list, not the possible hours as shown here, but the number of hours for which he intends to take the course; e.g., not 1-3, but, 1, or 2, or 3.

15. **GEODETIC ASTRONOMY.**—The transit and zenith telescope; methods of the United States Coast and Geodetic Survey. Lectures; observations; computations. II; (3).  
Professor BAKER, Dr. WYLIE

## COURSES FOR GRADUATES

101. **SEMINAR.**—I, II; (1 unit). Professor BAKER

102. **STELLAR ASTRONOMY.**—Orbits of visual, spectroscopic, and eclipsing binary stars. Theory; measurements; computations. I, II; (1 unit).  
Professor BAKER

## ATHLETIC COACHING

(See D under EDUCATION.)

## BACTERIOLOGY

Associate Professor TANNER, Assistant Professor KOSER, Mr. THOMPSON, Miss TWOHEY

**MAJOR:** 20 hours chosen from the courses offered by this department. Five hours may be chosen from the following courses offered by other departments: dairy husbandry (dairy bacteriology), and agronomy (soil biology).

**MINORS:** 20 hours chosen from one or two of the following: chemistry, botany, zoology, physiology.

The prerequisite for graduate work in the department of bacteriology is 10 semester hours of bacteriology and 15 semester hours of some physical or biological science. Certain courses in the departments of agronomy, botany, chemistry, and dairy husbandry are required of students who are candidates for the doctor's degree. The attention of students is called to the courses in applied bacteriology offered by these departments since they form an integral part of the instruction in bacteriology offered at the University.

## COURSES FOR UNDERGRADUATES

5a. **INTRODUCTORY BACTERIOLOGY AND SANITARY SCIENCE. LECTURES.**—Bacteria, yeasts, and molds; structure morphology, and systematic relationships; general sanitation, agriculture, home economics, communicable diseases, etc. Designed to accompany Bacteriology 5b, but may be elected without it. I or II; (3).

*Prerequisite:* Sophomore standing; one semester of chemistry or consent of the instructor. Associate Professor TANNER and assistants

5b. **INTRODUCTORY BACTERIOLOGY. LABORATORY.**—Morphology and physiology of bacteria and related microorganisms; preparation of media and apparatus; staining; cultivation. Designed to accompany Bacteriology 5a. I or II; (2).

*Prerequisite:* Bacteriology 5a or concurrent registration in it; Chemistry 2a, 3a, or 4. Assistant Professor KOSER, Mr. THOMPSON, Miss TWOHEY

6. **BACTERIOLOGY FOR SANITARY ENGINEERS.**—I; (2½). Mr. THOMPSON

*Prerequisite:* Chemistry 10b.

## COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

7. **THESES AND SPECIAL PROBLEMS.**—I, II; (2-3).<sup>1</sup>

*Prerequisite:* Junior standing; 10 hours of bacteriology, or consent of the instructor. Associate Professor TANNER, Assistant Professor KOSER

8. **FOOD BACTERIOLOGY.**—Decay of organic matter in nature; soil and sewage bacteria; water bacteria; foods; food poisoning; laboratory lectures; discussions; readings; reports. II; (5). Associate Professor TANNER, Mr. THOMPSON

*Prerequisite:* Junior standing; Bacteriology 5a and 5b, or their equivalents; consent of the instructor.

<sup>1</sup>In registering for a course with variable credit hours, a student must put down on his study-list not the possible hours, as shown here, but the number of hours for which he intends to take the course; e.g., not 1-3 but 1, or 2, or 3.

10. EPIDEMIOLOGY.—Spread and control of communicable diseases. Lectures; readings; problems. I; (2). Assistant Professor KOSER

*Prerequisite:* Junior standing; Bacteriology 5a and 5b; consent of instructor.

20. GENERAL BACTERIOLOGY.—(For advanced undergraduates and graduates.) Laboratory; lectures; readings; reports. I, II; (5).

Associate Professor TANNER, Assistant Professor KOSER

*Prerequisite:* Two years of college chemistry; senior standing; consent of the instructor.

26. PATHOLOGICAL BACTERIOLOGY.—Recommended that students who take this laboratory course elect Bacteriology 10 at the same time. I; (3).

Associate Professor TANNER, Mr. THOMPSON

*Prerequisite:* Bacteriology 5a and 5b; junior standing and consent of the instructor.

#### COURSES FOR GRADUATES

103. PHYSIOLOGY OF BACTERIA.—Fermentation; growth and death; lectures; readings; reports. I; (1 unit). Associate Professor TANNER

107. RESEARCH IN BACTERIOLOGY.—Intended for those who are taking a major in bacteriology either for the Master's or Doctor's degree. I or II; (1 to 4 units).

118a-118b. JOURNAL MEETING.—Required of all students who major in bacteriology. I, II; (1). Associate Professor TANNER

*Prerequisite:* Junior standing; 5 hours of bacteriology.

#### SUMMER SESSION COURSES

NOTE.—The courses offered in the Summer Session are equivalent to courses of the same numbers given during the academic year and have the same prerequisites.

#### COURSES FOR UNDERGRADUATES AND GRADUATES

S5a. INTRODUCTORY BACTERIOLOGY AND SANITARY SCIENCE.

Associate Professor TANNER

S5b. INTRODUCTORY BACTERIOLOGY, LABORATORY.

Mr. THOMPSON

S7-S107. RESEARCH.

Associate Professor TANNER

#### BANKING

(See ECONOMICS.)

#### BIOLOGY

(See BACTERIOLOGY, BOTANY, ENTOMOLOGY, PHYSIOLOGY, AND ZOOLOGY.)

#### BOTANY

Professors TRELEASE, HOTTES, STEVENS; Assistant Professor McDougall; Dr. HAGUE, Dr. WOODARD, Dr. SMITH, Mr. ABBOTT, Miss RYAN, Mr. YOUNG, Mr. STARK, Mr. HAFEN-  
RICHTER, Mr. MOORE, Miss MILLIGAN, Miss WELCH, Mr. PENFOUND, Mr. JONES, Miss  
HENRY, Mr. STOUT, Miss WOODWARD, Mr. STRANDSKOV

MAJOR: 20 hours exclusive of Botany 1 and 4, preferably made up of courses grouped along one of six lines, according to the suggestions given below.

MINOR: 20 hours chosen from not more than three subjects in the following list: bacteriology, chemistry, entomology, geology, physics, physiology, and zoology, in consultation with the department of botany. At least 8 hours must be offered in one subject.

Courses offered are of four types; the first intended to meet the needs of beginners; the second laying a foundation for methods of accuracy in observation, manipulation, and experimentation through the study of some fundamentally important subdivision of

the science; the third giving practice in methods of investigation by the study of advanced problems varied to suit the needs and interests of the student; and the fourth teaching independent research by means of thesis subjects leading to the discovery of new facts or laws.

The work of any semester may be credited separately except when a problem is left incomplete in one of the courses open to graduates.

For the convenience of undergraduates in the College of Liberal Arts and Sciences who elect major work in botany the following combination of courses is suggested:—(a) General; 2a, 4a, 23, 27a, and 27b; (b) Specializing in morphology; 2a, 2b, 4a or 24, and 29; (c) Specializing in pathology; 2a, 7a, 28a or 28b, 4a or 17a-17b; (d) Specializing in physiology; 27a-27b, 9a or 9b; (e) Specializing in taxonomy; 2a, 4a, 16b, or 17a-17b, or 26, or 28a-28b; (f) Specializing in ecology; 4a, 23, 24, 25a-25b, and 27a.

Students taking botany as a foundation for agronomy or horticulture are advised to select courses 27a, 4a, 7a, and advanced work on some special topic or topics under courses 7b, 9, 17a-17b, or 22b. Students who expect to teach botany are advised to elect 2a, 4a, 23, 27a, 30, and advanced work in one or more of the special courses 9a-9b, 16b, 17a-17b, or 25a-25b.

The prerequisite for major work in botany in the Graduate School is 20 semester hours in botany or 15 hours in botany plus 5 hours in zoology or entomology.

#### COURSES FOR UNDERGRADUATES

1. GENERAL BOTANY.—Lectures; quiz; laboratory. I or II; (5).

Assistant Professor McDougall, Dr. Woodard, and assistants

- 2a. MORPHOLOGY OF THALLOPHYTES AND BRYOPHYTES.—Laboratory. I; (5).

Dr. Hague

*Prerequisite:* Botany 1 or 5.

- 2b. MORPHOLOGY OF CORMOPHYTES.—Laboratory. II; (5).

Dr. Hague

*Prerequisite:* Botany 1 or 5.

4. THE LOCAL FLORA.—Morphology, identification, and classification of wild plants. For students desiring acquaintance with the plants of Illinois, especially for those qualifying as teachers in the public schools. II; (3).

Dr. Hague

*Prerequisite:* Entrance botany or its equivalent.

- 4a. TAXONOMY OF CORMOPHYTES.—Structure, identification, and classification. Laboratory. II; (3).

Professor Trelease

*Prerequisite:* Botany 1 or 5.

- 4d. TREES AND SHRUBS OF THE CAMPUS.—Decorative woody plants. I; (3).

Professor Trelease

*Prerequisite:* Botany 1 or 5.

5. GENERAL BOTANY (FOR STUDENTS IN AGRICULTURE).—Lecture; quiz; laboratory. I or II; (3).

Professor Hottes, Dr. Smith, and assistants

- 7a1-7a2. PLANT PATHOLOGY.—1, II; (3).

Professor Stevens

*Prerequisite:* Botany 1 or 5.

23. PLANT ECOLOGY.—Plants in their natural habitats, in relation to environment, to animals, and to each other. Lectures; laboratory; field work. II; (3).

Assistant Professor McDougall

*Prerequisite:* Botany 1 or 5.

24. MUSHROOMS.—Structure, identification, classification, and ecological relations. Edible and poisonous mushrooms. Lectures; laboratory; field work. I; (2).

Assistant Professor McDougall

*Prerequisite:* Sophomore standing.

- 27a. PLANT PHYSIOLOGY.—I; (5).

Professor Hottes

*Prerequisite:* Botany 1 or 5.

- 27b. PLANT PHYSIOLOGY.—Response of the plant to external stimuli. II; (3).

Professor Hottes

*Prerequisite:* Botany 1 or 5.

30. METHODS OF TEACHING.—Seminar. I; (2).

Assistant Professor McDougall

*Prerequisite:* 15 hours of botany; senior standing.

## COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

Candidates for advanced degrees in botany must offer for admission to the graduate courses 20 hours of college work in botany or else 15 hours in botany plus 5 hours in zoology or entomology or bacteriology.

Graduate students who elect botany for minor credit must meet the prerequisite for courses which they take for graduate credit.

9a-9b. PLANT ANATOMY OR PHYSIOLOGY.—Problems in anatomy with technic, in physiology, or in the application of these to plant breeding, crop production, and forestry. I, II; (3 to 5).<sup>1</sup> Professor HOTTES

*Prerequisite:* 8 hours of botany or 5 hours of botany and 5 hours of zoology; junior standing.

14a. HEREDITY, VARIATION, EVOLUTION.—Cells and members of plants; adaptation and changes; heredity; evolution. II; (2). Given in 1923-24 and in alternate years. Professor HOTTES

*Prerequisite:* 8 hours of botany; junior standing.

16a-16b. TAXONOMY AND MORPHOLOGY OF ALGAE AND BRYOPHYTES.—I, II; (3 to 5).<sup>1</sup> Dr. HAGUE

*Prerequisite:* Botany 2a; senior standing. For graduate students in chemistry, 5 hours of biology and 10 hours of physical science, including manipulation of instruments, or 15 hours of physical science.

17a-17b. TAXONOMY OF CORMOPHYTES.—Selected taxonomic or economic groups; genera or families of Illinois plants; plants economically important as weeds, forest resources, adjuncts to medicine, farm, orchard, or garden crops, or as the basis of floriculture, landscape architecture, street shading, or other decorative planting. I, II; (3 to 5).<sup>1</sup> Professor TRELEASE

*Prerequisite:* Botany 4a or 4d; senior standing.

22a. MORBID HISTOLOGY.—I; (3 to 5).<sup>1</sup> Professor STEVENS

*Prerequisite:* Botany 7a; senior standing.

22b. GROUPS OF FUNGI AND CROP DISEASE.—II; (3 to 5).<sup>1</sup> Professor STEVENS

*Prerequisite:* Botany 7a; junior standing.

25a-25b. PLANT ECOLOGY.—I, II; (3 to 5).<sup>1</sup> Assistant Professor McDUGALL

*Prerequisite:* Botany 23; junior standing.

26. TAXONOMY AND ECOLOGY OF THE HIGHER FUNGI.—Lectures. II; (3). Given in alternate years. Given in 1923-24. Assistant Professor McDUGALL

*Prerequisite:* Botany 7a or 24; junior standing.

28a-28b. TAXONOMY OF ECONOMIC FUNGI.—I, II; (3 to 5).<sup>1</sup> Professor STEVENS

*Prerequisite:* Botany 7a; junior standing.

29a. COMPARATIVE MORPHOLOGY OF PTERIDOPHYTES, GYMNOSPERMS, AND ANGIOSPERMS.—I; (3). Dr. HAGUE

*Prerequisite:* Botany 2b; senior standing.

31a-31b. THESIS COURSE.—I, II; (2).

*Prerequisite:* 15 hours of botany.

32a-32b. HONORS COURSE.—I, II; (2).

*Prerequisite:* 15 hours of botany.

## COURSES FOR GRADUATES

101. INDIVIDUAL PLANT DEVELOPMENT.—Influence of external agents on the cell. Subjects for investigation. Reports and discussions of current literature and research results. I, II; ( $\frac{1}{2}$  to 2 units). Professor HOTTES

102. PHYSIOLOGY.—Effects of external stimuli on growth and movement. Subjects for investigation. Reports and discussions of current literature and research. I, II; ( $\frac{1}{2}$  to 2 units). Professor HOTTES

<sup>1</sup>In registering for a course with variable credit hours, a student must put down on his study-list not the possible hours, as shown here, but the number of hours for which he intends to take the course; e.g., not 2-5, but, 2, or 3, or 4, or 5.

103. METHODS IN PLANT PATHOLOGY.—II; ( $1/4$ - $1/2$  unit). Professor STEVENS
104. MYCOLOGY.—Subjects and problems in field and laboratory. I, II; ( $1/2$  to 2 units). Professor STEVENS
106. PLANT PATHOLOGY.—Subjects assigned. I, II; ( $1/2$  to 2 units). Professor STEVENS
- [107. HISTORY OF BOTANY.—Conferences; lectures; reading. I; ( $1/2$  unit). Given in alternate years. Given in 1923-24. Professor TRELEASE]
108. TAXONOMY.—I, II; ( $1/2$  to 2 units). Professor TRELEASE
109. ECOLOGY.—Subjects for investigation. I, II; ( $1/2$  to 2 units). Assistant Professor McDougall
110. CURRENT BOTANICAL LITERATURE.—(Required of graduate students whose major is botany.) I, II; ( $1/4$  unit). The Staff

## SUMMER SESSION COURSES

(For description of courses, wholly or in part, see corresponding numbers in the description of courses in the regular session.)

## COURSES FOR UNDERGRADUATES

- S1. GENERAL BOTANY.—(4). Assistant Professor McDougall
- S22a. MORPHOLOGY OF THALLOPHYTES AND BRYOPHYTES.—(5). Dr. HAGUE
- S23. PLANT ECOLOGY.—(3). Assistant Professor McDougall

## COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

- S16. TAXONOMY AND MORPHOLOGY OF ALGAE AND BRYOPHYTES.—(2 to 5). Dr. HAGUE

## COURSE FOR GRADUATES

- S109. PLANT ECOLOGY.—( $1/2$  to 2 units). Assistant Professor McDougall

## ACCOUNTANCY

(See BUSINESS ORGANIZATION AND OPERATION.)

## BUSINESS LAW

(See BUSINESS ORGANIZATION AND OPERATION.)

## BUSINESS ORGANIZATION AND OPERATION

(Including ACCOUNTANCY and BUSINESS LAW.)

Professors SCOVILL, MOREY; Associate Professors FILBEY, RUSSELL; Assistant Professors LITTLETON, BAUER, BAILY, SCHLATTER; Dr. DILLAVOU, Mr. ANDERSON, Mrs. SAUNDERS, Mr. DAVIDSON, Mr. TAYLOR, Mr. MCINTYRE, Mr. BEHRENS, Mr. WINTER, Mr. COPE, Mr. JONES, Mr. GAST, Mr. POWELL, Mr. FACKLER, Mr. GORE, Mr. WAGNER, Mr. SIEFERMAN, Mr. WOOLLEY, Mr. BUCHAN, Mr. MARPLE, Mr. LYTLE, Mr. PIERCE, Mr. CAGANN, Mr. BORAH, Mr. FOSTER, Mr. STEWART, Mr. FULLERTON, Mr. HACKETT, Mr. KARREN-BROCK

## A. ACCOUNTANCY

## COURSES FOR UNDERGRADUATES

1a-1b. PRINCIPLES OF ACCOUNTING.—Accounting and bookkeeping; double entry, fundamental accounts and books. *Students who present one unit of bookkeeping for entrance will not be allowed credit for 1a and should register in 1e.* Except in case of such students, credit is not given for either 1a or 1b separately. I, II; (3). (1a or 1b may be taken either semester.) Assistant Professor BAILY, Mr. WINTER, Mr. FACKLER, and assistants

1e. **PRINCIPLES OF ACCOUNTING.**—Similar to Accountancy 1b, offered for the benefit of those who present one unit of entrance credit in bookkeeping. I or II; (4).

Assistant Professor BAILY, Mr. JONES, and others

*Prerequisite:* One unit entrance credit in bookkeeping.

2a-2b. **INTERMEDIATE ACCOUNTING.**—Cost accounting, partnership and corporation accounts, depreciation, good will, reserves, and sinking funds; special financial statements, reading balance sheets, problems. I, II; (3). (2a or 2b may be taken either semester.)

Assistant Professor SCHLATTER, Mr. TAYLOR, and others

*Prerequisite:* Accountancy 1b or 1e; registration or credit in Economics 1. (Accountancy 2a may be taken without 2b.)

11. **FARM ACCOUNTING.**—I or II; (4). Assistant Professor SCHLATTER, Mr. BUCHAN

*Prerequisite:* Open only to students in agriculture who have had Economics 1 or 2.

#### COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

3a-3b. **ADVANCED ACCOUNTING AND AUDITING.**—I, II; (3).

Professor SCOVILL, Associate Professor FILBEY, Assistant Professors LITTLETON, BAILY

*Prerequisite:* Accountancy 2a-2b; Economics 3, and average of C or better in Accountancy 1 and 2. (Accountancy 3a may be taken without 3b.)

4a-4b. **COST ACCOUNTING AND SYSTEMS.**—First Semester: (a) Factory procedure, overhead expense, installation and control of cost systems, presentation of cost data; (b) Manufacturing efficiency; (c) Construction of cost systems. Second Semester: Banks, building and loan associations, insurance companies, brokers, public utility corporations. The work of either semester may be taken separately. I, II; (2).

Assistant Professors BAILY, SCHLATTER

*Prerequisite:* Accountancy 2a-2b.

5a-5b. **C. P. A. PROBLEMS.**—Type problems including theory and auditing. I, II; (3). Professor SCOVILL, Assistant Professor LITTLETON

*Prerequisite:* Accountancy 3a-3b.

13. **GOVERNMENTAL ACCOUNTING.**—Accounts of institutions and municipalities, and of the State and Federal governments. Organization; procedure; budget, accounts and records, reports, audits; purchasing and storekeeping. I or II; (2). Professor MOREY

*Prerequisite:* Credit or concurrent registration in Accountancy 3a.

20. **INCOME TAX PROCEDURE.**—II; (2).

Associate Professor FILBEY

*Prerequisite:* Registration or credit in Accountancy 3b; senior standing.

90a-90b. **THESIS.**—Primarily for candidates for honors. I, II; (2).

Members of the Staff

*Prerequisite:* Major in Accountancy.

#### COURSES FOR GRADUATES

The courses for graduates only may be selected by those who have had approximately fifteen university accounting credits including Accountancy 3a or its equivalent. Accountancy 4a is a prerequisite for 104; 3b for 110; 13 for 113; and 20 for 120.

103. **ADVANCED THEORY.**—I, II; (1 unit).

Assistant Professor LITTLETON

104. **ACCOUNTING SYSTEMS.**—Operations of industrial and mercantile enterprises; designing of accounting systems; uniform accounting systems. I, II; (1 unit).

Professor SCOVILL

[110. **ACCOUNTING REPORTS.**—II; (1 unit). Not given, 1923-24.]

113. **GOVERNMENTAL ACCOUNTING.**—II; (1 unit).

Professor MOREY

120. **INCOME TAX DEVELOPMENT.**—I; (1 unit).

Associate Professor FILBEY

129. **THESIS.**—I, II; (1 unit).

Members of the Staff

#### SUMMER SESSION COURSES

#### COURSES FOR UNDERGRADUATES

51b. **PRINCIPLES OF ACCOUNTING.**—(3).

*Equivalent:* 1b.

*Prerequisite:* Accountancy 1a or a similar course.

Dr. DILLAYOU

**S2a-2b. INTERMEDIATE ACCOUNTING.—(6).**

Assistant Professor SCHLATTER, Mr. GRAY

*Equivalent:* 2a-2b.*Prerequisite:* Accountancy 1b or 1e; registration or credit in Economics 1.**COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES****S3a. ADVANCED ACCOUNTING.—(3).**

Associate Professor FILBEY

*Equivalent:* Accountancy 3a.*Prerequisite:* Accountancy 2a-2b; Economics 3; average of C or better in Accountancy 1 and 2.**COURSES FOR GRADUATES****S110. ACCOUNTING REPORTS.—(1 unit).**

Associate Professor FILBEY

**S129. THESIS.—(1 unit).**

Associate Professor FILBEY

*Equivalent:* 129.**B. BUSINESS ORGANIZATION AND OPERATION****COURSES FOR UNDERGRADUATES**

1. **BUSINESS ORGANIZATION AND OPERATION.**—Individual proprietorship, partnership, and corporation; organization for operation and efficiency; interrelation of divisions and departments; responsibility and authority, routine, and discipline. I or II; (3).

Mr. BEHRENS and others

*Prerequisite:* Economics 1; Accountancy 1b or 1e.2. **MARKETING ORGANIZATION AND OPERATION.**—I or II; (3).

Mr. McINTYRE and others

*Prerequisite:* Business Organization and Operation 1.**COURSES FOR GRADUATES AND ADVANCED UNDERGRADUATES**3. **RETAIL AND WHOLESALE STORE ORGANIZATION AND OPERATION.**—I or II; (3).

Mr. BEHRENS

*Prerequisite:* Business Organization and Operation 2.4. **INDUSTRIAL ORGANIZATION AND MANAGEMENT.**—I or II; (3). Mr. ANDERSON*Prerequisite:* Business Organization and Operation 2. Senior engineering students who have had Economics 1 or 2 may be admitted by permission of the instructor.

7. **SALESMANSHIP AND SALES MANAGEMENT.**—Modern sales organizations; selling problems of manufacturers, wholesalers, and retailers, management of salesmen. I or II; (3).

Associate Professor RUSSELL, Mr. CAGANN

*Prerequisite:* Business Organization and Operation 2; senior standing.8. **ADVERTISING.**—I or II; (3).

Mr. COPE, Mr. BORAH

*Prerequisite:* Business Organization and Operation 2; senior standing.

9. **TRADE AND COMMERCIAL ORGANIZATIONS.**—Duties of the commercial organization secretary. II; (2).

Dean THOMPSON

*Prerequisite:* Business Organization and Operation 2; senior standing.

10. **NEWSPAPER ADVERTISING.**—Designed primarily for students specializing in journalism. I, II; (3).

Mr. COPE

**BUSINESS LETTER WRITING.**—See Rhetoric 10.

Mrs. SAUNDERS

[30. **TYPOGRAPHY AND PRINTING.**—I; (1). Not given 1923-24.]

Director CUNNINGHAM

*Prerequisite:* Business Organization and Operation 2; consent of the instructor.]75. **MANAGEMENT OF PUBLIC UTILITIES.**—I; (3).

Professor SCOVILL

90a-90b. **THESIS.**—Primarily for candidates for honors. I, II; (2).

Members of the Staff

*Prerequisite:* Major in Business Organization and Operation; senior standing.



## COURSES FOR GRADUATES

To register in the graduate courses one must have had at least five semester hours' credit in the principles of economics; also courses in Business Organization and Operation 1 and 2 or the equivalent. Business Organization and Operation 4 is a prerequisite for 104.

102. MARKETING POLICIES AND PROBLEMS.—Analysis and research as used by manufacturer, jobber, and retailer; business barometers; integration; selling costs and means for their reduction; trade associations; unfair competition. I, II; (1 unit).

Associate Professor RUSSELL

104. SCIENTIFIC MANAGEMENT.—I, II; (1 unit).

Mr. ANDERSON

107. SALES CAMPAIGNS.—I, II; (1 unit).

Associate Professor RUSSELL

129. THESIS.—I, II; (1 unit).

Associate Professor RUSSELL

## SUMMER SESSION COURSES

## COURSES FOR UNDERGRADUATES

S1. BUSINESS ORGANIZATION AND OPERATION.—(3).

Mr. BEHRENS

*Equivalent:* Business Organization and Operation 1.

*Prerequisite:* Economics 1; Accountancy 1b or 1c.

S2. MARKETING ORGANIZATION AND OPERATION.—(3).

Mr. LYTLE

*Equivalent:* Business Organization and Operation 2.

*Prerequisite:* Business Organization and Operation 1.

## COURSE FOR GRADUATES

S129. THESIS.—(1 unit).

Associate Professor WATKINS

*Equivalent:* 129.

## C. BUSINESS LAW

## COURSES FOR UNDERGRADUATES

1a-1b. GENERAL PRINCIPLES OF BUSINESS LAW.—Contracts, agency, sales of personal property, negotiable instruments, partnerships and business corporations. I, II; (3).

Assistant Professor BAUER, Dr. DILLAVOU, Mr. DAVIDSON, Mr. GORE

*Prerequisite:* Sixty hours of university credit, including Economics 1 and Accounting 1b or 1c.

2. LAW FOR AGRICULTURAL STUDENTS.—Contracts, leases, property. Open only to students in agriculture who have credit in Economics 1 or 2. I or II; (3). Mr. DAVIDSON

3. LAW FOR ENGINEERING STUDENTS.—Contracts, negotiable instruments, insurance, real property, landlord and tenant. Open only to students in engineering who have credit in Economics 1 or 2. II; (3).

Dr. DILLAVOU

## COURSE FOR GRADUATES AND ADVANCED UNDERGRADUATES

10. LAW OF SECURITY RELATIONS AND BANKING.—Suretyship; mortgages; pledges; personal property; real property; insurance; bankruptcy; banking, Federal Reserve Board. I or II; (3).

Assistant Professor BAUER

*Prerequisite:* Senior standing and registration or credit in Business Law 1b.

## SUMMER SESSION COURSES

S2. COMMERCIAL LAW.—(2½).

Dr. DILLAVOU

*Prerequisite:* Economics 1 or 2.

*Equivalent:* Business Law 2.

## CERAMIC ENGINEERING

Professor PARMELEE; Associate Professor HURSH; Dr. BUNTING, Mr. McVAY, Mr. BOURNE, Mr. WATKINS

The courses offered by the Department of Ceramic Engineering are designed to give a technical knowledge of the composition and properties of materials used in the manufacture of clay wares, abrasives, cements, glasses, and enamels, and to acquaint the student with the construction, equipment, and operation of ceramic plants.

Graduates of courses other than ceramic engineering who have the necessary prerequisites may take the following courses for minor credit: 3, 4c, 5, 6, 8, 10, 13, 15, 16, 19, 20, and 21.

## COURSES FOR UNDERGRADUATES

1. CERAMIC MATERIALS.—Properties of clays and other ceramic materials; identification of varieties met in practical work. Lectures; laboratory. I; (3).

Professor PARMELEE, Mr. McVAY

*Prerequisite:* Chemistry 4.

2. WINNING AND PREPARATION OF CLAYS.—Machinery and processes; comparative costs of the different methods. II; (3).

*Prerequisite:* Ceramic Engineering 1.

Mr. McVAY

3. INDUSTRIAL CALCULATIONS.—Chemical and physical calculations applying to the operation of furnaces, kilns, and dryers; temperature measurements. II; (3).

*Prerequisite:* Ceramic Engineering 1; Physics 1a-1b and 3a-3b.

Associate Professor HURSH

4c. DRYING AND BURNING.—Chemical and physical processes; equipment used in drying and burning ceramic products. I; (5).

*Prerequisite:* Ceramic Engineering 1, 3.

Associate Professor HURSH

5. CERAMIC BODIES.—Composition and properties; effects of ingredients; special bodies. Lectures; laboratory. II; (5).

*Prerequisite:* Ceramic Engineering 1, 2.

Professor PARMELEE, Mr. McVAY

6. GLAZES.—Glazes and enamels; composition, limits, properties, and defects. Lectures; laboratory. I; (6).

*Prerequisite:* Ceramic Engineering 3, 5.

Professor PARMELEE, Mr. McVAY

8. GLASS TECHNOLOGY.—The chemistry and physics of the silicate glasses and their preparation. Industrial methods. Lectures; reading; discussion. II; (2).

*Prerequisite:* Chemistry 31.

9. CERAMIC CONSTRUCTION.—Plans, specifications, and estimates for ceramic equipment and industrial plants. II; (4).

*Prerequisite:* General Engineering Drawing 1 or 4; Ceramic Engineering 3, 4c.

Associate Professor HURSH

10. CEMENTS.—Cements, limes, plasters; composition, reactions; methods of manufacture and testing. I; (3).

*Prerequisite:* Ceramic Engineering 1, 2, 3.

Mr. McVAY

97 or 98. THESIS.—II; (3 or 5).<sup>1</sup> Professor PARMELEE, Associate Professor HURSH

12. DESIGNING AND SHAPING.—Die construction, templates, master and working molds for pressing, casting, and jiggering. I; (3).

*Prerequisite:* Ceramic Engineering 1, 2.

Associate Professor HURSH, Mr. BOURNE

13. CEMENT LABORATORY.—Preparation of silicate cements. II; (3). Mr. McVAY

*Prerequisite:* Ceramic Engineering 10.

15. GLASS LABORATORY.—Soda-lime, potash-lime, lead, barium and zinc silicates; borosilicates; fused and solidified glasses; problems. II; (3).

*Prerequisite:* Registration in Ceramic Engineering 8.

<sup>1</sup>In registering for a course with variable credit hours, a student must put down on his study-list not the possible hours, as shown here, but the number of hours for which he intends to take the course; e.g., not 1-3, but 1, or 2, or 3.

16. ENAMELS.—Enamels, their composition, application, properties, and testing. Lectures; laboratory. II; (3). Professor PARMELEE

*Prerequisite:* Ceramic Engineering 6.

17a. SELECTED CERAMIC PROBLEMS.—Lectures; discussions; reading. I; (1).

Dr. BUNTING

*Prerequisite:* Ceramic Engineering 1, 3, or equivalent; Mathematics 8 or 7 or 9; Registration in Chemistry 31.

19. SPECIAL BODIES.—Body preparation; composition, preparation, properties, uses and testing of bodies. Lectures; reading; laboratory. II; (3). Professor PARMELEE

*Prerequisite:* Ceramic Engineering 5.

20. REFRACTORY MATERIALS.—Properties and uses; relation between refractory power, chemical composition, and physical condition; changes at high temperatures. Subject presented from the standpoint of the Phase Rule. Lectures; discussions; assigned reading. II; (2). Associate Professor HURSH

*Prerequisite:* Chemistry 31.

21. CERAMIC PYROMETRY.—Pyrometers: calibration, care, repair, and use. High temperature measurement. II; (1).

*Prerequisite:* General physics, inorganic chemistry.

99. INSPECTION TRIP.—Visits to industrial plants. I; (no credit).

*Prerequisite:* Senior standing.

## COURSES FOR GRADUATES

Graduate work leading to the degrees of Master of Science and Doctor of Philosophy in chemistry (ceramic chemistry) and Master of Science in ceramic engineering is offered by the department. Students who have specialized in chemistry, chemical engineering, or ceramic engineering during their undergraduate work will ordinarily be qualified to enter on graduate work leading to higher degrees in ceramic chemistry, while students who have specialized in mechanical engineering, ceramic engineering, or chemical engineering in their undergraduate work will ordinarily be qualified to pursue graduate work leading to the higher degree in ceramic engineering. Graduate students who wish to elect ceramic chemistry as their major field of study must have had the equivalent of twenty-five semester hours of chemistry and this must include satisfactory courses in general chemistry, qualitative and quantitative analysis, and either physical or organic chemistry. Such students must also have had at least one year of college physics and training in mathematics which includes calculus.

Candidates for the degree of Doctor of Philosophy with their major field of study in ceramic chemistry must fulfill the same general requirements in chemistry as candidates in other branches of chemistry. Before receiving the degree of Doctor of Philosophy, all such candidates must demonstrate their ability to read French and German literature in their major subject.

101. CHEMISTRY OF THE COMPOUNDS OF SILICON.—Seminar. I, II; ( $\frac{3}{4}$  unit).

Dr. BUNTING

*Prerequisites:* Elementary courses in organic and physical chemistry.

102. GENERAL TECHNOLOGY OF THE CLAY INDUSTRIES.—Physical properties of ceramic materials and products; chemical composition, mineralogical constitution, and physical condition. Lectures; seminar; laboratory. I, II; (1 or 2 units).

Professor PARMELEE

*Prerequisite:* The elements of mineralogy and of physical chemistry.

103. SILICON CHEMISTRY.—Laboratory to supplement Ceramic Engineering 101, which must precede or accompany it. II; (1 or 2 units).

105. TECHNOLOGY OF GLASS.—Glassy silicates; limiting composition; physical and chemical properties. Lectures and laboratory. (1 or 2 units). Professor PARMELEE

## CHEMISTRY

Professors NOYES,<sup>1</sup> PARR, ADAMS, ROSE, HOPKINS, BUSWELL; Associate Professors BEAL, RODEBUSH; Assistant Professors REEDY, BRALEY, DIETRICHSON, KREMERS, LAYNG, ENGLIS, MARVEL; Dr. R. M. PARR, Dr. AUSTIN, Dr. CARVER,<sup>2</sup> Dr. HURD, Dr. SOUTHER, Dr. NASON, Dr. PHIPPS, Dr. BRADLEY, Dr. NEVILLE, Dr. GREENFIELD, Dr. SMITH, Dr. YNTEMA, Mr. DRIGGS, Mr. SHRINER, Miss SPARKS, Mr. ANDERS, Miss LOUGE, Mr. NORTH, Miss HYDE, Mr. KING, Mr. WIERDA, Mr. BRODE, Mr. JACOBSON, Mr. SMITHSON, Miss STODER, Mr. THOMPSON, Mr. CORLEY, Mr. HOVORKA, Miss MONTGOMERY,<sup>2</sup> Mr. GRAY, Mr. BEUKER, Miss ENGLE, Mr. TULEY, Mr. KLEINHEKSEL, Mr. NOLLER, Mr. SHIMER, Mr. CORBIN, Mr. ARMENDT, Mr. HARRIS, Mr. HILL, Mr. HIERS, Mr. STOVER, Miss BATEMAN, Mr. HUFF, Mr. WOOD,<sup>1</sup> Mr. WOLDMAN, Mr. RIPPPIE, Mr. LITTMANN, Mr. NECKERS, Mr. LAGERPUSCH, Miss DANN, Miss MALIN, Mr. BORUFF,<sup>1</sup> Mr. GAUERKE, Mr. SANDBORN, Mr. OJEMANN, Mr. BRUBAKER, Mr. SHEAD, Mr. HAGER, Mr. CRUM, Mr. SOTIER, Mr. FRESE, Mr. MICHALEK, Mr. BENNETT, Mr. FISK, Mr. MARTIN, Mr. GOULD. *Cooperating:* Professors GRINDLEY, PARMELEE; Dr. KAUFMANN, Mr. HECKEL, Mr. COX, Mr. CAROTHERS

MAJOR: 20 hours, exclusive of Chemistry 1, 1a, 1b, 4 and 16, and inclusive of courses in quantitative analysis and organic chemistry.

MINORS: 20 hours, chosen from not more than three of the following subjects: bacteriology, botany, geology, mathematics, philosophy, physiology, physics, and zoology.

Students taking chemistry at the University are advised to give at least one year to the subject, and this should include Chemistry 1 or 1a, 2a or 3a. Those continuing in the second year should take Chemistry 5a and 5b or 13a and 25. In the third year Chemistry 14a, 14b, 14c and 14d or 9 and 9c, 31, and 33 should be taken. With these, more special courses may be taken, but students are not advised to take the special courses unless they have had the fundamental work represented by the selection given above. Students who desire a training for professional work in chemistry, either as teachers or in its industrial applications, should take the curriculum in chemistry, or in chemical engineering.

Students who find it impossible to take more than one semester's work are requested to register in Chemistry 1 or 1a in the second semester rather than in the first.

## COURSES FOR UNDERGRADUATES

1. INORGANIC CHEMISTRY.—The non-metallic elements. I or II; (5). (*Seniors 3 hours only.*)

Professor HOPKINS (in charge); Professor NOYES; Assistant Professors KREMERS, REEDY; Dr. PARR, Dr. NASON, Dr. NEVILLE, Dr. PHIPPS, Dr. YNTEMA, and assistants

*Prerequisite:* One unit of entrance credit in physics, or 2½ units of entrance credit in mathematics or registration in Mathematics 2 or 3.

*NOTE.*—Students who have received entrance credit for high-school chemistry are given only 3 hours of credit for Chemistry 1.

1a. INORGANIC CHEMISTRY.—Lectures; recitations; laboratory. For students who have had one year of high-school chemistry. I or II; (3). (*Seniors 2 hours only.*)

Professor HOPKINS (in charge); Professor NOYES; Assistant Professors KREMERS, REEDY; Dr. PARR, Dr. NASON, Dr. NEVILLE, Dr. PHIPPS, Dr. YNTEMA and assistants.

*Prerequisite:* 1 unit of entrance credit in chemistry.

*NOTE.*—Students whose preparation proves to be inadequate for continuing this course will be required to change their registration to Chemistry 1. Students who have not used their high-school chemistry for entrance may receive 5 hours' credit for Chemistry 1a. Students who have failed in Chemistry 1 are permitted to register for Chemistry 1a and will receive 5 hours' credit if their final grade is C or above.

1b. INORGANIC CHEMISTRY.—Lectures; recitations; laboratory. (For students in engineering.) I or II; (4). (*Seniors 3 hours only.*)

Professor HOPKINS (in charge); Professor NOYES; Assistant Professors KREMERS, REEDY; Dr. PARR, Dr. NASON, Dr. NEVILLE, Dr. PHIPPS, Dr. YNTEMA, and assistants

*NOTE.*—Students who have credit for high-school chemistry should register for Chemistry 1a.

<sup>1</sup>On leave of absence.

<sup>2</sup>First Semester.

2a. INORGANIC CHEMISTRY AND QUALITATIVE ANALYSIS.—Qualitative analysis of metals and inorganic compounds. Lectures; recitations; laboratory. I or II; (5). (*Seniors 3 hours only.*)

Professor HOPKINS; Assistant Professors REEDY, KREMERS; Dr. PARR, Dr. NASON, Dr. NEVILLE, Dr. PHIPPS, Dr. YNTEMA, and assistants

*Prerequisite:* Chemistry 1 or 1a.

3a. INORGANIC CHEMISTRY AND QUALITATIVE ANALYSIS.—For students in chemistry and chemical engineering. II; (5). (*Seniors 3 hours only.*)

Professor HOPKINS; Assistant Professors REEDY, KREMERS; Dr. PARR, Dr. NASON, Dr. NEVILLE, Dr. PHIPPS, Dr. YNTEMA, and assistants

*Prerequisite:* Chemistry 1 or 1a.

4. QUALITATIVE ANALYSIS AND CHEMISTRY OF THE METALLIC ELEMENTS.—Lectures; class and laboratory work. (For students in engineering.) I or II; (4). (*Seniors 3 hours only.*)

Professor HOPKINS; Assistant Professors REEDY, KREMERS; Dr. PARR, Dr. NASON, Dr. NEVILLE, Dr. PHIPPS, Dr. YNTEMA, and assistants

*Prerequisite:* Chemistry 1a or 1b.

5a. ELEMENTARY QUANTITATIVE ANALYSIS.—Gravimetric and volumetric analysis; stoichiometrical relations. Lectures; recitations; laboratory. I or II; (5).

Associate Professor BEAL (in charge); Assistant Professors BRALEY, ENGLIS; Dr. SMITH, and assistants.

*Prerequisite:* Chemistry 2a, or 3a, or 4.

5b. QUANTITATIVE ANALYSIS.—(Continuation of Chemistry 5a.) Analysis of silicates, ores, and alloys. Lectures; recitations; laboratory. II; (5).

Associate Professor BEAL (in charge); Assistant Professors BRALEY, ENGLIS; Dr. SMITH and assistants.

*Prerequisite:* Chemistry 5a.

8. ELEMENTARY QUANTITATIVE ANALYSIS.—Gravimetric and volumetric analysis. Lectures; recitations; laboratory. (For students in agriculture.) I or II; (3).

Assistant Professors BRALEY, ENGLIS; Dr. SMITH, and assistants

*Prerequisite:* Chemistry 2a or 3a.

9. ELEMENTARY ORGANIC CHEMISTRY.—II; (3).

Assistant Professor MARVEL

*Prerequisite:* Chemistry 2a or 3a.

9c. ELEMENTARY ORGANIC CHEMISTRY.—(Laboratory to accompany Chemistry 9.) II; (2).

Assistant Professor MARVEL, Dr. SOUTHER, and assistants

*Prerequisite:* Chemistry 2a or 3a; registration in Chemistry 9.

10b. CHEMISTRY OF WATER AND SEWAGE.—Chemical analysis of potable and industrial waters. History, sources, contamination, and standards of purity. Analysis of sewage and effluents from sewage treatment plants. (For students in sanitary engineering, registered in connection with Bacteriology 6.) I; (2½).

Professor BUSWELL, Dr. GREENFIELD

*Prerequisite:* Chemistry 4.

10d. SANITARY CHEMISTRY AND LIMNOLOGY.—Laboratory control of water and sewage purification plants. Biological, biochemical, and colloidal reactions in sewage purification processes. Colloidal water treatment. Water softening. Temperature cycles. Dissolved gases and microscopic growths. Microscopic organisms in reservoirs and sewage filters. (For students in Sanitary Engineering.) II; (3).

Professor BUSWELL, Dr. GREENFIELD

*Prerequisite:* Chemistry 4 and 10b; Bacteriology 6.

11a-11b. THESIS.<sup>1</sup>—The subject should be chosen and reading begun in the junior year. A minimum of 5 semester hours required. (Required of seniors in chemistry and chemical engineering.) I, II; (3 to 5).<sup>2</sup>

Professor ADAMS (in charge)

*Prerequisite:* Chemistry 5a, 14a, and 31, or the consent of the departmental committee.

16. FUEL, GAS, AND WATER ANALYSIS FOR ENGINEERS.—Proximate analysis of coal; calorific value; furnace gases; boiler waters; lubricating oils. (For students in engineering.) II; (3).

Assistant Professor LAYNG, Dr. BRADLEY

*Prerequisite:* Chemistry 4; junior standing.

<sup>1</sup>Prerequisite: Chem.7S is required for Chem.11a in Metallurgy and must be completed in Junior year.

<sup>2</sup>In registering for a course with variable hours, a student must put down on his study-list, not the possible hours, as shown here, but the number of hours for which he intends to take the course; e.g., not 2-5, but 2, or 3, or 4, or 5.

19. **ELEMENTARY ORGANIC CHEMISTRY.**—(Especially for students in agriculture.) Important compounds of carbon. Lectures; recitations; laboratory. I or II; (3).

Professor ADAMS, Dr. HURD, and assistants

*Prerequisite:* Chemistry 2a or 3a and 8 or registration in 8.

80. **ELEMENTS OF GLASS BLOWING.**—A laboratory course in the construction and repair of glass apparatus. II; (1).

Mr. ANDERS

*Prerequisite:* Two years' work in chemistry.

90-91. **CHEMICAL INSPECTION TRIPS.**—Required for juniors and seniors in the courses in chemistry and chemical engineering. Estimated expense, \$30 to \$35 for each student. II; ( $\frac{1}{2}$  hour credit each year.)

Professor PARR

93a-93b. **JOURNAL MEETING.**—Required of seniors and all graduate students in chemistry. All members of the staff of the department of chemistry are expected to attend. I, II; ( $\frac{1}{2}$ ).

Assistant Professor BRALEY

#### COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

6.<sup>1</sup> **CHEMICAL TECHNOLOGY.**—Technological chemistry illustrated in industries having a chemical basis; trade journals. Lectures; recitations. II; (3).

Dr. BRADLEY

*Prerequisite:* Chemistry 5a and 14a.

7.<sup>1</sup> **METALLURGY.**—Manufacture of iron and steel. Lectures; reading; recitations. I; (3).

Dr. BRADLEY

*Prerequisite:* (Senior students in engineering courses only.)

7a. **METALLURGY.**—General metallurgy; metallurgy of iron and steel. Lectures; reading; recitations. I; (3). (For chemists and chemical engineers.)

Dr. BRADLEY

*Prerequisite:* Chemistry 5a.

7b. **METALLURGY OF THE NON-FERROUS METALS.**—Copper, lead, zinc, gold, and silver. II; (3).

Dr. AUSTIN

*Prerequisite:* Chemistry 7.

10a. **WATER CHEMISTRY.**—History, sources, contamination, and standards of purity of potable and industrial waters. Lectures; practice in analytical methods. II; (3).

Professor BUSWELL, Dr. GREENFIELD

*Prerequisite:* Chemistry 5a or 8.

12. **CHEMISTRY OF COLLOIDS.**—Laboratory exercises. Systems of classification; reactions of colloid systems. Practical application. I; (2-3); ( $\frac{1}{2}$  unit).

Professor BUSWELL, Dr. GREENFIELD

*Prerequisite:* Chemistry 5a, 14b, and 31 or consent of the instructor.

14a-14b. **ORGANIC CHEMISTRY.**—Lectures; recitations. I, II; (3).

Assistant Professor MARVEL

*Prerequisite:* Chemistry 5a; should be accompanied by Chemistry 14c and 14d.

14c. **ORGANIC CHEMISTRY (LABORATORY WORK).**—Organic synthesis. I or II; (2).

Assistant Professor MARVEL, Dr. SOUTHER, and assistants

*Prerequisite:* Registration in Chemistry 14a, or equivalent.

14d. **ORGANIC CHEMISTRY (LABORATORY WORK).**—Organic synthesis, quantitative and qualitative analysis. Continuation of 14c, to accompany 14b. I or II; (2).

Dr. HURD, Dr. SOUTHER, and assistants

*Prerequisite:* Chemistry 14a, 14c; registration in Chemistry 14b, or equivalent.

15. **PHYSIOLOGICAL CHEMISTRY.**—Proteins, fats, and carbohydrates; tissues, digestion, intestinal putrefaction, and feces; quantitative analysis of gastric contents, blood, milk, and urine. Clinical aspects for prospective students of medicine. Lectures; demonstrations; conferences; laboratory; reading. I; (5).

*Prerequisite:* Chemistry 5a or 8; 9 and 9c; or 14a and 14c.

15a. **PROBLEMS OF METABOLISM.**—Intermediary metabolism; chemical methods of diagnosis; micro-analysis of blood and urine. Lectures; conferences; laboratory. II; (3).

Professor ROSE and assistants

*Prerequisite:* Chemistry 15.

<sup>1</sup>Certain required inspection trips will be arranged in connection with courses 6 and 7. Students registered in these courses should take into consideration the expense involved, which will not exceed \$15.00 for each course.

17. **TEACHERS' COURSE.**—Methods of teaching elementary chemistry. Open only to those who expect to teach. II; (3). Dr. R. M. PARR

*Prerequisite:* 13 hours of chemistry and senior standing.

21. **QUALITATIVE ORGANIC ANALYSIS.**—Identification of pure organic compounds and mixtures. I; (3). Assistant Professor MARVEL and assistants

*Prerequisite:* Chemistry 14c, 14d.

25. **FOOD ANALYSIS.**—Quantitative organic analysis of food products; alcohols, carbohydrates, fats and oils, cereals, nitrogenous bodies, preservatives, and colors. I; (5).

Associate Professor BEAL, Assistant Professor ENGLIS, and assistant

*Prerequisite:* Chemistry 5a or 8; 9 or 14a-14b.

26. **PHARMACEUTICAL CHEMISTRY.**—Analytical chemistry of medicinal substances; pharmaceutical preparations. II; (3). Associate Professor BEAL and assistant

*Prerequisite:* Chemistry 14a-14b.

27. **QUALITATIVE ANALYSIS OF THE RARER ELEMENTS.**—Rarer elements and their compounds; identification and separation of the elements; formation, solubilities, and chemical reactions of their salts. Lectures; laboratory. I; (3).

Professor HOPKINS, Dr. PARR

*Prerequisite:* Two years' work in chemistry.

28. **ADVANCED QUALITATIVE ANALYSIS.**—Methods of separation; qualitative reagents; theory of reactions. For those intending to teach qualitative chemistry. Lectures; seminar. II; (2). Assistant Professor REEDY

*Prerequisite:* Senior standing and Chemistry 31, or graduate standing.

31. **ELEMENTARY PHYSICAL CHEMISTRY.**—The experimental basis for a proper appreciation of physical chemistry. Lectures; problems. I or II; (3).

Associate Professor RODEBUSH, Assistant Professor DIETRICHSON, Dr. CARVER

*Prerequisite:* Chemistry 5a, 5b; Physics 1a-1b, or 7a-7b; Mathematics 3 or 8.

33. **ELEMENTARY PHYSICAL CHEMISTRY.**—Laboratory to accompany 31. I or II; (2).

Dr. CARVER

*Prerequisite:* Chemistry 5a, 5b; Physics 1a-1b, or 7a-7b; Mathematics 7 or 8.

34. **PHYSICAL CHEMISTRY.**—Thermodynamics and free energy calculations. Atomic structure. I, II; (2). Associate Professor RODEBUSH

*Prerequisite:* Chemistry 31, 33.

35. **ELECTROCHEMISTRY.**—Electrochemistry; thermodynamics. I or II; (3).

Assistant Professor DIETRICHSON

*Prerequisite:* Chemistry 31, 33.

46. **CHEMISTRY OF PLANT PRODUCTS.**—Organic compounds in plants; plant nutrition. Lectures; laboratory. II; (2). Assistant Professor ENGLIS

*Prerequisite:* Chemistry 9 and 9c, or 14a and 14c.

47. **PHYSICAL METHODS IN INORGANIC PROBLEMS.**—Recitations; assigned readings. I; (2). Assistant Professor REEDY

61. **INDUSTRIAL CHEMICAL LABORATORY.**—Preparation and purification of chemical products. (Should be accompanied by either Chemistry 6 or 109.) II; (3).

Dr. BRADLEY

*Prerequisite:* Chemistry 5a and 14a.

65. **FUELS AND FLUE GASES.**—Fuel inspection; gas analysis; determination of calorific values; calculation of efficiencies. I or II; (3).

Assistant Professor LAYNG, Dr. BRADLEY, and assistants

*Prerequisite:* Chemistry 5a.

66. **GAS ENGINEERING.**—Gas machinery; ovens and appliances for carbonization; recovery of by-products. II; (1). Assistant Professor LAYNG

*Prerequisite:* Chemistry 65; registration in 66a is advised.

66a. **CONTROL PROCESSES IN GAS MANUFACTURE.**—Standardization methods and inspection. II; (1). Assistant Professor LAYNG

*Prerequisite:* Chemistry 65.

69. **METALLURGICAL LABORATORY AND ASSAYING.**—Fire assay of gold, silver, lead, and copper ores, mattes, and bullion; fluxes, slags, and charge calculations; coal, oil, and gas furnaces, and measurement of high temperatures. I; (2). Dr. AUSTIN

*Prerequisite:* Chemistry 5a; Geology 20.

72. PAINTS, OILS, TURPENTINES, VARNISHES, AND PROTECTIVE COVERINGS FOR WOOD AND METALS.—Lectures; laboratory. I; (2).  
Professor PARR, Assistant Professor LAYNG

*Prerequisite:* Chemistry 5a and 14a-14b.

73. ASPHALT, TAR, AND DISTILLATION PRODUCTS.—Sources, characteristics, composition, and examination; binders and dust preventives used in road construction. (For students in highway engineering.) II; (2). Professor PARR, Assistant Professor LAYNG

*Prerequisite:* Chemistry 2a or 4.

76. MINERAL OILS.—Fractionation; analysis; evaluation for fuel, lubrication, and gas manufacture. II; (2).  
Assistant Professor LAYNG

*Prerequisite:* Chemistry 9 or 14a.

77. COMPOSITION AND CLASSIFICATION OF COAL.—Classification; changes in composition; weathering; spontaneous combustion; mine gases. Lectures; reading. II; (1).  
Professor PARR

*Prerequisite:* Chemistry 65.

78. METALLOGRAPHY.—Constitution and microstructure of metals and alloys. Lectures; readings; laboratory. II; (2).  
Dr. AUSTIN

*Prerequisite:* Chemistry 7.

79. ADVANCED METALLOGRAPHY.—Selected alloy systems; correlation of constitution and properties. I; ( $\frac{3}{4}$  unit). (2).  
Dr. AUSTIN

*Prerequisite:* Chemistry 7 and 78 or equivalent.

92a-92b. CHEMICAL LITERATURE AND REFERENCE WORK.—Periods, leaders, journals. Required of juniors in chemistry and chemical engineering; advised for juniors who are majoring in chemistry. I, II; (1).  
Miss SPARKS

*Prerequisite:* 13 hours of chemistry; 1 year of French or German; junior standing.

95. HISTORY OF CHEMISTRY.—Lectures; reading. I; (2).

Professor NOYES, Associate Professor BEAL

#### COURSES FOR GRADUATES

Graduate students whose major subject is in some department other than chemistry, before taking graduate work for credit in this department, must have had the equivalent of 15 university credits in chemistry, and the ground covered should include satisfactory work in general chemistry and in qualitative and quantitative analysis. Such students are advised to make selections from the following courses: Chemistry 31, 33 (or 102, 55), 14a, 14b, 14c, 14d, 15, 29, and 25. Courses of a more special nature will not, as a rule, be accepted for graduate work unless preceded by one of the courses above.

Graduate students who are candidates for an advanced degree in chemistry must have had the equivalent of 25 university credits in chemistry, properly distributed.

For students in chemistry, 5a, 5b, 8, 9 and 9c will not be accepted for graduate credit, and 14a-14b, 14c, 14d, 31, and 33 will be accepted only from students entering the Graduate School with the equivalent of 30 university credits in chemistry.

[101. THEORIES OF CHEMISTRY.—Seminar. II; ( $\frac{1}{4}$  unit). Not given in 1923-24.

Professor NOYES]

102. ADVANCED PHYSICAL CHEMISTRY.—Recent developments in physical chemistry. Seminar. I, II; ( $\frac{3}{4}$  unit).  
Associate Professor RODEBUSH and staff

103. ADVANCED INORGANIC CHEMISTRY.—The periodic system; descriptive chemistry of the rarer elements. Lectures; recitations. I, II; ( $\frac{1}{2}$  unit).  
Professor HOPKINS

103a. ADVANCED ANALYTICAL CHEMISTRY.—Lectures, with or without laboratory. II; ( $\frac{1}{2}$  to  $1\frac{1}{4}$  units).  
Assistant Professor BRALEY

*Prerequisite:* Chemistry 5b, 14a-14b, 31, 33.

103b. SPECIAL TOPICS IN ANALYTICAL CHEMISTRY.—Required of all students taking a major or minor in analytical chemistry. Seminar. I, II; ( $\frac{1}{4}$  unit).

Associate Professor BEAL; Assistant Professors BRALEY, ENGLIS; Dr. SMITH  
*Prerequisite:* Chemistry 9a, 9b, 14a-14b.

103c. SPECIAL TOPICS IN INORGANIC CHEMISTRY.—Seminar; rare earths. I, II; ( $\frac{1}{4}$  unit).  
Professor HOPKINS



103d. LABORATORY WORK IN THE RARER ELEMENTS.—Should accompany or follow 103. I, II; ( $\frac{1}{4}$  to  $\frac{3}{4}$  units).

Professor HOPKINS, Assistant Professor KREMERS, Dr. YNTEMA

104. ADVANCED ORGANIC CHEMISTRY.—Geometric isomerism; optical isomerism; tautomerism; mechanisms of important reactions; etc. II; ( $\frac{3}{4}$  unit). Professor ADAMS

104a. ADVANCED ORGANIC CHEMISTRY.—(First Course). I; ( $\frac{3}{4}$  unit). Dr. HURD

104b. ADVANCED QUANTITATIVE ORGANIC CHEMISTRY.—Proteins, alkaloids, glucosides, volatile oils, and other constituents of animal and vegetable tissues. Lectures; seminar. May be accompanied by laboratory work on a selected group of compounds. I, II; ( $\frac{1}{2}$  unit;  $1\frac{1}{4}$  unit with laboratory). Associate Professor BEAL

104c. ORGANIC CHEMISTRY.—Seminar. A review of current literature in organic chemistry. I, II; ( $\frac{1}{4}$  unit). Professor ADAMS, Dr. HURD

104d. ADVANCED ORGANIC CHEMISTRY.—(Second Course). General reactions in organic chemistry and their scope. I; ( $\frac{3}{4}$  unit). Professor ADAMS

[104e. ADVANCED ORGANIC CHEMISTRY.—Chiefly laboratory work. Methods suitable for large scale production. (1 unit). Not given in 1923-24. Professor ADAMS]

105. ADVANCED PHYSIOLOGICAL CHEMISTRY.—Chemistry of intermediary metabolism. Lectures; discussions; readings. II; ( $\frac{3}{4}$  unit). Professor ROSE

105a. ADVANCED PHYSIOLOGICAL CHEMISTRY.—Difficult biochemical preparations; analytical methods, chiefly laboratory. II; ( $\frac{3}{4}$  unit). Professor ROSE

105b-105c. ADVANCED PHYSIOLOGICAL CHEMISTRY.—Seminar. Current literature. Required of all students majoring in physiological chemistry. I, II; ( $\frac{1}{2}$  unit). Professor ROSE

106. ANIMAL CHEMISTRY (ANIMAL NUTRITION).—Chemistry of the functional products; flesh, fat, milk, and wool of domesticated animals. Lectures; conferences; reading; laboratory. I, II; (1 to  $1\frac{1}{2}$  units). Professor GRINDLEY

Prerequisite: Two years' work in chemistry.

107. SPECIAL PROBLEMS IN TECHNOLOGY OF FUELS.—I; ( $\frac{1}{2}$  unit).

Professor PARR

Prerequisite: Chemistry 77.

107a. FUEL TECHNOLOGY.—Constitution of coal. I; ( $\frac{1}{2}$  unit).

Assistant Professor LAYNG

Prerequisite: Chemistry 65.

107b. FUEL TECHNOLOGY.—Carbonization processes; by-product constituents and recovery. II; ( $\frac{1}{2}$  unit). Assistant Professor LAYNG

Prerequisite: Chemistry 65 and 107a.

108. ADVANCED METALLOGRAPHY.—Metals and alloys. Recent work by Bain, Jeffries, Rosenhain, and others. Laboratory work. I; ( $\frac{1}{2}$  unit).

Professor PARR, Dr. AUSTIN

109. ADVANCED INDUSTRIAL CHEMISTRY.—Seminar. Development and chemical control of processes. I, II; ( $\frac{3}{4}$  unit). Professor PARR

110. WATER SUPPLIES.—Advanced course. Sources of contamination; purification for potable or technical use. I, II; ( $\frac{1}{2}$  to  $1\frac{1}{4}$  units). Professor BUSWELL

111. RESEARCH.—A thesis is usually required of students taking the Master's degree and is always required of students taking the degree of Doctor of Philosophy. I, II; work may be taken in the following subjects:

PHYSICAL AND ELECTROCHEMISTRY

{ Associate Professor RODEBUSH  
{ Assistant Professor REEDY

INORGANIC CHEMISTRY

Professor HOPKINS, Assistant Professors REEDY and KREMERS, Dr. YNTEMA

ANALYTICAL CHEMISTRY

Associate Professor BEAL, Assistant Professor BRALEY, Dr. SMITH

FOOD CHEMISTRY

Associate Professor BEAL, Assistant Professor ENGLIS

ORGANIC CHEMISTRY

Professors NOYES, ADAMS; Assistant Professor MARVEL, Dr. HURD

WATER CHEMISTRY

Professor BUSWELL

ANIMAL CHEMISTRY (Animal Nutrition)

Professor GRINDLEY

PHYSIOLOGICAL CHEMISTRY  
INDUSTRIAL CHEMISTRY  
CERAMIC CHEMISTRY  
PHYTO-CHEMISTRY

Professor ROSE  
Professor PARR, Assistant Professor LAYNG  
Professor PARMELEE  
Assistant Professor ENGLIS

## SUMMER SESSION COURSES

NOTE.—All of the courses in chemistry in the Summer Session are equivalent to the courses of the same numbers given during the academic year, and have the same prerequisites.

## COURSES FOR UNDERGRADUATES

- S1. ELEMENTARY CHEMISTRY. Associate Professor HOPKINS, Dr. PARR, Dr. NEVILLE
- S1a. INORGANIC CHEMISTRY. Associate Professor HOPKINS, Dr. HURD
- S1b. INORGANIC CHEMISTRY.—For engineering students. Associate Professor HOPKINS, Dr. PAN, Dr. NEVILLE
- S2a. INORGANIC CHEMISTRY AND QUALITATIVE ANALYSIS. Assistant Professor KREMERS, Dr. HURD, Miss LOUGEE
- S3a. INORGANIC CHEMISTRY AND QUALITATIVE ANALYSIS. Assistant Professor KREMERS, Dr. HURD, Miss LOUGEE
- S4. INORGANIC CHEMISTRY AND QUALITATIVE ANALYSIS.—For students in engineering. Assistant Professor KREMERS, Dr. HURD, Miss LOUGEE
- S5a. ELEMENTARY QUANTITATIVE ANALYSIS. Assistant Professor BRALEY, Mr. NORTH
- S5b. QUANTITATIVE ANALYSIS. Assistant Professor BRALEY
- S8. AGRICULTURAL ANALYSIS. Assistant Professor ENGLIS, Mr. NORTH

## COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

By suitable selection of courses through four consecutive summers it will be possible for persons attending the Summer Session to meet the requirements for the Master's degree, with the exception of the completion of a course in physical chemistry.

- S14a. ELEMENTARY ORGANIC CHEMISTRY. Professor ADAMS
- S14b. ORGANIC CHEMISTRY (SECOND COURSE). Dr. SOUTHER
- S14c. ORGANIC CHEMISTRY (ELEMENTARY LABORATORY). Dr. KAUFMANN, Mr. HECKEL
- S14d. ORGANIC CHEMISTRY (ADVANCED LABORATORY). Dr. SOUTHER
- S15. PHYSIOLOGICAL CHEMISTRY. Professor ROSE, Mr. COX
- S17. TEACHERS' COURSE. Associate Professor HOPKINS
- S21. QUALITATIVE ORGANIC ANALYSIS. Dr. KAUFMANN
- S25. FOOD ANALYSIS. Assistant Professor ENGLIS
- S27. QUALITATIVE ANALYSIS OF THE RARER ELEMENTS. Associate Professor HOPKINS
- S31. ELEMENTARY PHYSICAL CHEMISTRY. Dr. CARVER
- S33. ELEMENTARY PHYSICAL CHEMISTRY.—(Laboratory to accompany S31). Dr. CARVER
- S92. CHEMICAL LITERATURE AND REFERENCE WORK. Miss SPARKS
- S103. ADVANCED INORGANIC CHEMISTRY. Associate Professor HOPKINS
- S103a. ADVANCED ANALYTICAL CHEMISTRY. Assistant Professor BRALEY
- S104e. ADVANCED ORGANIC CHEMISTRY.—Chiefly laboratory work. Methods suitable for large scale production. (1 unit). Professor ADAMS, Dr. MARVEL
- S105a. ADVANCED PHYSIOLOGICAL CHEMISTRY.—Difficult biochemical preparations; analytical methods. Chiefly laboratory work. (1½ unit). Professor ROSE

## S11 and S111. RESEARCH.

PHYSICAL AND ELECTROCHEMISTRY  
 INORGANIC CHEMISTRY  
 ANALYTICAL CHEMISTRY  
 PHYSIOLOGICAL CHEMISTRY  
 ORGANIC CHEMISTRY  
 INDUSTRIAL CHEMISTRY

Dr. CARVER  
 Associate Professor HOPKINS, Assistant Professor KREMERS  
 Assistant Professors BRALEY, ENGLISH  
 Professor ROSE  
 Professor ADAMS, Dr. MARVEL  
 Professor PARR, Assistant Professor LAYNG

## CIVIL ENGINEERING

Professors WILLIAMS, WILSON, CROSS; Assistant Professors WILEY, PICKELS, RAYNER, MYLREA, VAWTER; Mr. SHEDD, Mr. BAUER, Mr. SCHMELTZER, Mr. MATHEWS, Mr. MORROW.

## COURSES FOR UNDERGRADUATES

27. ELEMENTARY SURVEYING.—Use of instruments; partitioning of land; map construction; United States land survey methods, re-establishment of corners and boundaries, interpretation of deeds. Problems. I; (3).

Assistant Professor RAYNER, Mr. SCHMELTZER, Mr. MATHEWS

*Prerequisite:* General Engineering Drawing 1 or 4; Mathematics 4.

28. TOPOGRAPHIC SURVEYING.—The transit and plane-table in topographic surveys; methods. II; (3).

Assistant Professor RAYNER, Mr. SCHMELTZER, Mr. MATHEWS

*Prerequisite:* Civil Engineering 27; Physics 1a, 3a, and registration in Physics 1b, 3b.

30. HIGHER SURVEYING.—Topographical surveying methods as applied to intermediate and small scale maps. Determination of true azimuth from solar and stellar observations. Hydrographic surveying. II; (3).

Mr. SCHMELTZER

*Prerequisite:* Civil Engineering 27, 28.

31. SURVEYING FOR LANDSCAPE GARDENERS.—Adjustment of instruments; survey methods; setting slope stakes; cross-sectioning; construction and use of profiles; mapping. I; (3).

Mr. MATHEWS

*Prerequisite:* Mathematics 4; Architecture 31, 32.

32. SURVEYING FOR LANDSCAPE GARDENERS.—The stadia; topographic signs; contour construction; grading and drainage; earthwork computations. Each student prepares a large scale topographic map of a portion of the campus. II; (3).

Assistant Professor RAYNER

*Prerequisite:* Civil Engineering 31.

34. GENERAL SURVEYING.—Common and special surveying methods; triangulation; topographic surveying; U. S. land surveys; computations of areas by latitudes and departures; computation of earthwork. II; (3).

Assistant Professor RAYNER

*Prerequisite:* General Engineering Drawing 1 or 4; Mathematics 4.

35. PRINCIPLES OF SURVEYING.—(For students who do not expect to take Civil Engineering 28). I; (3).

Mr. SCHMELTZER, Mr. MATHEWS

*Prerequisite:* Mathematics 4; General Engineering Drawing 1 or 4.

36. PRINCIPLES OF SURVEYING.—(For junior students in Ceramic Engineering). II; (2).

Mr. MATHEWS

*Prerequisite:* Mathematics 4; General Engineering Drawing 1 or 4.

51. RAILROAD SURVEYING.—Location, construction, and maintenance of railways; curves, turnouts; earth work, preliminary, and location surveys. Each student makes a set of maps, profiles, and estimates. I; (5).

Assistant Professors PICKELS, VAWTER; Mr. BAUER, Mr. SCHMELTZER

*Prerequisite:* Civil Engineering 27, 28.

52. ROADS AND PAVEMENTS.—(For Municipal and Sanitary Engineering students only). Earth, gravel, stone, block, concrete and bituminous pavements; accessories. II; (3).

Mr. BAUER

*Prerequisite:* Junior standing in Municipal and Sanitary Engineering, including all prescribed subjects.

53. RAILROAD SURVEYING.—First eleven weeks of course 51, for juniors in Municipal and Sanitary Engineering. I; (3).

54. **ROADS AND PAVEMENTS.**—Road and street location and construction; paving materials, and accessories. II; (4). Assistant Professor WILEY, Mr. BAUER  
*Prerequisite:* Mathematics 4; General Engineering Drawing 1 or 4; Civil Engineering 27, 28, 51.
57. **HYDROLOGY.**—Precipitation; evaporation; transpiration, deep seepage; run-off; hydraulics of rivers and small streams; use of current meter, float, weir, etc. I; (2). Assistant Professor PICKELS  
*Prerequisite:* Senior standing in Civil Engineering.
58. **STRESSES IN MINE STRUCTURES.**—(For students in Mining Engineering). Stresses in tipples, head-frames, and other mine structures. II; (2). Assistant Professor VAWTER  
*Prerequisite:* Theoretical and Applied Mechanics 20, 25.
60. **STRUCTURAL STRESSES.**—Analysis of stresses in statically determinate structures. II; (4). Professor CROSS, Assistant Professor MYLREA  
*Prerequisite:* Mathematics 2, 4, 6; General Engineering Drawing 1 or 4, 2; Theoretical and Applied Mechanics 20, 25 or 29.
62. **STRUCTURAL DETAILS.**—Design of details of steel and timber structures. Working drawings. II; (2). Assistant Professor VAWTER, Mr. SHEDD  
*Prerequisite:* Registration in Civil Engineering 60.
70. **SEMINAR.**—Preparation, reading, and discussion of papers. II; (1). Assistant Professors RAYNER, PICKELS  
*Prerequisite:* Rhetoric 1 and 2; junior standing in Civil Engineering.
73. **BRIDGE DESIGN.**—A portion of course 85, for Railway Civil Engineers. I; (4).
75. **MASONRY CONSTRUCTION.**—Brick and stone masonry; foundations; bridge piers and abutments, dams, retaining walls, culverts, and arches. I or II; (3). Professor WILLIAMS  
*Prerequisite:* Theoretical and Applied Mechanics 10, 20, 21, 29; Civil Engineering 60.
77. **STRUCTURAL ENGINEERING.**—Design of steel and reinforced structures; buildings and foundations. For engineering students other than civil. I; (3). Professor CROSS, Mr. SHEDD  
*Prerequisite:* Senior standing in engineering.
78. **DRAINAGE ENGINEERING.**—Land drainage; river improvement. II; (3). Assistant Professor PICKELS  
*Prerequisite:* Civil Engineering 57.
80. **ENGINEERING CONTRACTS AND SPECIFICATIONS.**—Engineering relations, the law of contracts; business and technical clauses used in specifications. II; (2). Professor WILLIAMS, Assistant Professors PICKELS, VAWTER  
*Prerequisite:* Senior standing in engineering.
81. **THEORY OF REINFORCED CONCRETE.**—Stress distribution; continuity in reinforced concrete structures. I; (2). Professor CROSS, Assistant Professor MYLREA  
*Prerequisite:* Civil Engineering 60.
82. **REINFORCED CONCRETE DESIGN.**—Designs and details for concrete structures. II; (4). Professor CROSS, Assistant Professor MYLREA, Mr. MORROW  
*Prerequisite:* Civil Engineering 81.
84. **VALUATIONS AND RATES.**—Principles, purposes, and methods of valuation; the rate base. I or II; (2). Professor WILLIAMS  
*Prerequisite:* Senior standing in engineering.
85. **BRIDGE DESIGN.**—Stress sheets, general design drawings, and details of buildings, railway and highway bridges; types of structure. I; (5). Assistant Professor MYLREA, Mr. SHEDD, Mr. MORROW  
*Prerequisite:* Civil Engineering 60, 62.
88. **STRESSES IN STRUCTURES.**—Analysis of stresses. Foundations and superstructures. I; (4). Professor CROSS, Mr. SHEDD  
*Prerequisite:* Theoretical and Applied Mechanics 20, 25.
90. **STRUCTURAL DESIGN.**—Design based on the work in Civil Engineering 88. II; (4). Professor CROSS, Mr. SHEDD  
*Prerequisite:* Civil Engineering 88.

91. **ADVANCED STRUCTURAL ANALYSIS.**—The elastic theory and its applications in statically indeterminate structures. I; (3). Professor CROSS

*Prerequisite:* Registration in Civil Engineering 73 or 85.

92. **STRUCTURAL SEMINAR.**—Methods of investigation in structural design. Reports; discussions; comparisons of designs; lectures. II; (2).

Professor CROSS, Assistant Professor MYLREA. *Cooperating:* Professor WILSON  
*Prerequisite:* Civil Engineering 91.

93. **HIGHWAY DESIGN.**—Road systems; city streets; pavement types; design, preparation of plans, specifications and estimates of cost. I; (3). Assistant Professor WILEY

*Prerequisite:* Civil Engineering 54; Theoretical and Applied Mechanics 21, 29.

94. **HIGHWAY ADMINISTRATION.**—Relation of road and street improvement to social and economic welfare; highway organization; highway and pavement financing. II; (3).

Assistant Professor WILEY

*Prerequisite:* Senior standing in Civil Engineering.

95. **PLAIN CONCRETE.**—Tests for Portland cement; aggregates; field and laboratory examination and tests; proportioning. Laboratory practice. I; (2).

Assistant Professor WILEY, Mr. BAUER

*Prerequisite:* Senior standing in engineering.

96. **ROAD MATERIALS.**—Examination and tests of bituminous and non-bituminous materials; interpretation of results; specifications; inspection. Laboratory practice. II; (2).

Assistant Professor WILEY, Mr. BAUER

*Prerequisite:* Civil Engineering 54, 95. Students who expect to take Civil Engineering 96 are urged to take Geology 43 or its equivalent in the junior year.

97-98. **THESIS.**—Investigation or design. Only students of high standing are permitted to take a thesis. I; (1); II; (2 or 3).<sup>1</sup>

*Prerequisite:* Senior standing in Civil Engineering.

99. **INSPECTION TRIP.**—A three days' trip to study various industries and engineering projects. I; (*No credit, but required for graduation*).

*Prerequisite:* Senior standing in Civil Engineering.

#### COURSES FOR GRADUATES

Entrance on graduate work in civil engineering presupposes the full undergraduate course in that subject.

103. **HIGHWAY CONSTRUCTION.**—Interpretation of highway tests. Contractor's organization and official control. I; (*1 unit*). Professor BAKER

106. **REINFORCED CONCRETE STRUCTURES.**—Continuity in reinforced concrete design. Elastic theory; arches and domes. I. (*1 or 2 units*). Professors CROSS and MYLREA

107. **STATICALLY INDETERMINATE STRUCTURES AND SECONDARY STRESSES.**—I; (*1 unit*). Professor WILSON

108. **ADVANCED BRIDGE DESIGN.**—Design of steel arch, cantilever, suspension, and movable bridges. II; (*1 or 2 units*). Professor CROSS

112. **FOUNDATIONS.**—Types; design; construction. I; (*1 unit*).

Professor WILLIAMS

113. **APPRAISALS AND RATE MAKING.**—Value and depreciation. Valuation reports. II; (*1 unit*). Professor WILLIAMS

124. **STEEL BUILDING CONSTRUCTION.**—Steel framing of fire-proof buildings; wind bracing; analysis of details; erection methods and costs. II; (*1 or 2 units*).

Professor WILSON

125. **ADVANCED DESIGN OF INDUSTRIAL STRUCTURES.**—Steel and reinforced concrete mill and factory buildings; head frames, tipples and other mine structures; grain elevators. I; (*1 unit*). Dean KETCHUM

*Prerequisite:* Civil Engineering 107, and either 108 or 124.

For other graduate work in reinforced concrete, see Mechanics 105, by Professor TALBOT.

For graduate work in railway civil engineering, see Railway Engineering 110, by Professor KING.

For graduate work in Sanitary Engineering, see Municipal and Sanitary Engineering 102, 103, and 106, by Professors ENGER and BABBITT.

<sup>1</sup>A thesis may be substituted for a technical subject in any one of the three options of the senior year of the civil engineering curriculum, on the approval of the Head of the Department.

## THE CLASSICS

Professors BARTON, OLDFATHER, PEASE, CANTER; Mr. FORBES, Mr. BROUZAS

## GREEK

MAJOR: 20 hours excluding Greek 1a-1b, 15, 16, 17, and 55.

MINORS: 20 hours chosen from not more than two of the following: foreign languages (Latin being especially recommended), English literature, history, and philosophy.

## LATIN

MAJOR: 20 hours excluding Latin 11a-11b, 6, 1a-1b, 9, 13, 20, and 56.

MINORS: 20 hours chosen from not more than two of the following: foreign languages (Greek being especially recommended), English literature, history, and philosophy.

## CLASSICS

MAJOR: 20 hours in Greek and Latin, excluding Greek 1a-1b, 15, 16, 17, and 55 and Latin 11a-11b, 6, 1a-1b, 9, 13, 20, and 56. At least 6 hours shall be carried in the secondary language and the remaining hours in the primary language.

MINORS: 20 hours chosen from not more than two of the following: foreign languages, English literature, history, and philosophy.

## GREEK

## COURSES FOR UNDERGRADUATES

The courses in translation naturally follow each other in the following sequence: 1a-1b, 4, 5 or 7, 6 or 8. Courses 1a-1b and 4 are intended for students who cannot present Greek for entrance to the University, but who desire to commence the study of the language. Course 2a-2b may be taken after course 1a-1b. Courses 16 and 17 are open to sophomores, juniors, and seniors; 55 is open to those who have completed one year in history or classics.

1a-1b. GRAMMAR AND READER.—I, II; (4).

Professor OLDFATHER

2a-2b. NEW TESTAMENT GREEK.—Reading of selections and lectures on the canon and text. I, II; (2).

Professor CANTER, Mr. BROUZAS

*Prerequisite:* Greek 1a-1b or an equivalent.

4. SECOND YEAR GREEK.—Homer, selections from the *Iliad*. I; (3).

*Prerequisite:* Greek 1a-1b.

Professor PEASE

8. PLATO.—Selected dialogues. II; (3).

Professor PEASE

*Prerequisite:* Greek 4 or an equivalent

## COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

[5. HERODOTUS.—Selections. I; (3). Not given in 1923-24.

*Prerequisite:* Greek 4.]

[6. THUCYDIDES.—The Sicilian Expedition, Books VI, VII. II; (3). Not given in 1923-24.

*Prerequisite:* Greek 4.]

7. GREEK DRAMA.—Three plays from the great dramatists. I; (3).

Professor PEASE

*Prerequisite:* Greek 4.

8. PLATO.—Selected dialogues. II; (3).

Professor PEASE

*Prerequisite:* Greek 4.

[14. GREEK PROSE COMPOSITION.—II; (1). Not given 1923-24.

*Prerequisite:* Greek 5 and 6, or 7 and 8.]

## GREEK LIFE AND HISTORY

Courses 16 and 17 presuppose no knowledge of Greek and are open to all students except freshmen.

15. GREEK ATHLETICS.—Lectures; prescribed readings. I; (1).

Professor OLDFATHER

16. THE LIFE OF THE ANCIENT GREEKS.—Lectures; prescribed readings. I; (1).

Professor PEASE

17. GREEK POETRY IN ENGLISH TRANSLATION.—Drama. II; (2). Professor PEASE  
 54. COMPARATIVE LITERATURE.—See English 54.  
 55. GREEK HISTORY.—(This course is described by the department of history as History 55.) I; (3). Professor OLDFATHER  
*Prerequisite:* One course in history or the classics. Not open to freshmen.

## COURSES FOR GRADUATES

Preparation for graduate work in Greek must include at least two years of preparatory Greek, two years of college Greek, and two years of college Latin.

105. PLATO AND ARISTOTLE.—I, II; (1 unit). Professor OLDFATHER  
 106. GREEK DRAMA.—II; (1 unit). Professor PEASE  
 110. BIBLIOGRAPHY AND CRITICISM.—(Thesis course; the same as Latin 110). I, II; (1 unit). Professors OLDFATHER, PEASE, and others

## LATIN

## COURSES FOR UNDERGRADUATES

- 11a-11b. BEGINNING LATIN.—I, II; (4). Mr. FORBES  
 6. CICERO.—Selections from the Orationes. I; (4). Mr. BROUZAS  
*Prerequisite:* Two entrance units in Latin or Latin 11a-11b.  
 1a-1b. OVID AND VERGIL.—I, II; (4). Mr. FORBES  
*Prerequisite:* Three entrance units in Latin, or Latin 6.  
 2a-2b. LIVY, PLAUTUS, AND TERENCE.—I: Selections from Livy; the story of Hannibal. II: The *Rudens* and the *Captivi* of Plautus and the *Phormio* of Terence. I, II; (4). Professor BARTON  
*Prerequisite:* Four entrance units in Latin or Latin 1a-1b.  
 3. SALLUST AND CICERO.—Selections from the *Jugurthine War*; *De Senectute*. I; (3). Mr. BROUZAS  
*Prerequisite:* Latin 2a-2b.  
 4. CATULLUS AND HORACE.—Selections. II; (3). Mr. BROUZAS  
*Prerequisite:* Latin 2a-2b.  
 5a-5b. LATIN COMPOSITION.—Grammatical drill and practice in simpler forms of expression. Required of those receiving the recommendation of the department as teachers. I, II; (1). Professor CANTER

## COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

7. HORACE AND JUVENAL.—Selections from the Satires and Epistles of Horace; selected Satires of Juvenal. II; (3). Professor CANTER  
*Prerequisite:* 12 hours of Latin.  
 [8. TACITUS.—The *Annals*, Books I-VI. II; (3). Not given in 1923-24.  
*Prerequisite:* 12 hours in Latin.]  
 [14. SENECA.—Selections from his Letters; the Daughters of Troy. I; (3). Not given 1923-24. Professor BARTON  
*Prerequisite:* 12 hours of Latin.]  
 16. MARTIAL AND Suetonius.—Selections. I; (3). Professor BARTON  
*Prerequisite:* 12 hours in Latin.  
 [22. LATE LATIN.—Rapid reading of selections from the Latin writers from Minucius Felix to Cassiodorus. II; (3). Not given in 1923-24.  
*Prerequisite:* Senior or graduate standing; two years of college Latin or the consent of the instructor.]  
 30a-30b.—Thesis or a special course of study approved by the department. I, II; (2).  
*Prerequisite:* 14 hours of Latin acceptable for a major; senior standing.

9. **TEACHERS' COURSE.**—Purpose and methods of preparatory Latin instruction; the teacher's preparation. Required of those receiving the recommendation of the department as teachers. II; (2). Professor BARTON

*Prerequisite:* 18 hours of college Latin. A portion of this requirement may be waived in the case of those who have taught Latin.

10. **LATIN COMPOSITION.**—Leading principles; imitation of assigned models. Required of those receiving the recommendation of the department as teachers. II; (2). Professor BARTON

*Prerequisite:* 12 hours of college Latin, including Latin 5a-5b or the equivalent.

### ROMAN LIFE AND HISTORY

(Courses 13 and 20 presuppose no knowledge of Latin and are open to all students except freshmen.)

13. **ROMAN LIFE.**—The family, organization of society, education, marriage, amusements, with some attention to the monuments. Lectures; readings; photographs and slides. II; (1). Professor BARTON

20. **CLASSICAL MYTHOLOGY.**—Lectures and assigned readings. I; (2). Not open to freshmen. Professor BARTON

54. **COMPARATIVE LITERATURE.**—See English 54.

56. **ROMAN HISTORY.**—(This course is described by the department of history as History 56.) Not open to freshmen. II; (3). Professor OLDFATHER

*Prerequisite:* One course in history or the classics.

### COURSES FOR GRADUATES

Students desiring to take graduate work in Latin should have had at least three years of college Latin in addition to the Latin presented to meet entrance requirements.

101. **LATIN EPIGRAM.**—II; (1 unit). Professor CANTER

104. **LATIN PALEOGRAPHY.**—I; (1 unit). Professor PEASE

108. **TACITUS.**—The Histories. II; (1 unit). Professor BARTON

109. **VERGIL.**—I, II; (1 unit). Professor PEASE

110. **BIBLIOGRAPHY AND CRITICISM.**—(Thesis course; the same as Greek 110). I, II; (1 unit). Professors OLDFATHER, PEASE, and others

114. **CAESAR.**—II; (1 unit). Professor OLDFATHER

115. **LATIN ELEGY.**—I; (1 unit). Professor CANTER

### SUMMER SESSION COURSES

S1. **VERGIL.**—(2½). Professor CANTER

*Prerequisite:* Three years of high-school Latin.

S2. **ROMAN PRIVATE LIFE.**—(1). Professor CANTER

S3. **TEACHERS' COURSE.**—(1½). Professor CANTER

### COMMERCIAL LAW

(See BUSINESS ORGANIZATION AND OPERATION.)

### DAIRY HUSBANDRY

Professors RUEHE, FRASER, PRUCHA, GAINES; Assistant Professors OVERMAN, YAPP, NEVENS, AMBROSE, BRANNON; Mr. CAMPBELL, Mr. STIRITZ, Mr. TRACY, Mr. SANMANN, Mr. DAVIDSON.

### COURSES FOR UNDERGRADUATES

1. **TESTING DAIRY PRODUCTS.**—Lectures; recitations; problems; laboratory. I or II; (3). Assistant Professor OVERMAN, Mr. SANMANN

*Prerequisite:* Dairy Husbandry 24b or 30 hours university work.



2. DAIRY CATTLE.—Selection, feeding, breeding, and management. Lectures; recitations; laboratory. II; (5). Assistant Professors YAPP, NEVENS; Mr. CAMPBELL  
*Prerequisite:* Dairy Husbandry 24a; Animal Husbandry 8 or Zoology 15; Animal Husbandry 21.

8. CITY MILK SUPPLY.—Production, transportation, plant management, and distribution of milk. Required inspection trip costing \$15 to \$20. Lectures; laboratory; readings. II; (3). Assistant Professor AMBROSE

*Prerequisite:* Dairy Husbandry 1, 11, and 12.

11. GENERAL DAIRY BACTERIOLOGY.—Milk sanitation. Lectures; readings; reports. II; (2). Professor PRUCHA

*Prerequisite:* Dairy Husbandry 24b; 30 hours university work.

12. GENERAL DAIRY BACTERIOLOGY.—Contamination and control. Laboratory. II; (2). Professor PRUCHA

*Prerequisite:* Dairy Husbandry 11 or registration therein.

14. MILK CONDENSING.—Processing; milk powder; condensing plants. Requires one inspection trip, costing from \$20 to \$30. Lectures; laboratory. II; (3). Mr. TRACY

*Prerequisite:* Dairy Husbandry 1, 11, and 12.

22. CHEESE MAKING.—Common varieties of hard and soft cheese. Lectures; laboratory. I; (3). Assistant Professor AMBROSE

*Prerequisite:* Dairy Husbandry 24b, 11, and 12.

23a-23b. INVESTIGATION WITH THESIS: DAIRY BACTERIOLOGY.—I, II; (5).

Professor PRUCHA, Assistant Professor BRANNON

23c-23d. INVESTIGATION WITH THESIS: DAIRY CHEMISTRY.—I, II; (5).

Assistant Professor OVERMAN

23e-23f. INVESTIGATION WITH THESIS: DAIRY FARMING AND ECONOMIC MILK PRODUCTION.—I, II; (5). Professor FRASER

23g-23h. INVESTIGATION WITH THESIS: DAIRY MANUFACTURES.—I, II; (5).

Professor RUEHE, Assistant Professor AMBROSE

23j-23k. INVESTIGATION WITH THESIS: DAIRY PRODUCTION.—I, II; (5).

Professor GAINES; Assistant Professors YAPP, NEVENS

*Prerequisite:* 90 hours university work including not less than 20 hours pertinent to thesis problem and approval of head of department. Credit is not given for either semester separately.

24a. ELEMENTARY DAIRY PRODUCTION.—Survey of the industry; breeds of dairy cattle; selection, feeding, and management of herds. (No credit allowed juniors and seniors.) Lecture; quiz; laboratory. I or II; (2). Mr. CAMPBELL and others

24b. ELEMENTARY TESTING AND MANUFACTURE OF DAIRY PRODUCTS.—Testing and manufacture of dairy products; cream separators. Lectures; quiz; laboratory. (No credit allowed juniors and seniors.) I or II; (2). Mr. STIRITZ and others

*Prerequisite:* Chemistry 1 or 1a.

#### COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

4. MANUFACTURE OF ICE CREAM.—Mixing and freezing; defects and their causes; judging; artificial refrigeration; machinery and equipment. Required inspection trip costing from \$20 to \$30. Professor RUEHE, Mr. TRACY

*Prerequisite:* Dairy Husbandry 1, 11 and 12; 60 hours university work.

5. COMPOSITION OF DAIRY PRODUCTS.—Rapid commercial tests; milk proteins; composition, chemical and physical properties of milk fat. Lectures; recitations; problems; readings; laboratory. II; (3). Assistant Professor OVERMAN

*Prerequisite:* Chemistry 8, 19.

7. CREAMERY BUTTERMILKING AND FACTORY MANAGEMENT.—Types of creameries; raw product; creamery by-products; refrigeration. Creamery location and plans. Required inspection trip costing from \$20 to \$30. Lectures; readings; problems; laboratory. II; (5). Professor RUEHE, Mr. STIRITZ

*Prerequisite:* Dairy Husbandry 1, 11, and 12; 60 hours university work.

10. **ADVANCED DAIRY BACTERIOLOGY.**—Bacterial flora of milk and milk products. Readings; reports. I; (4). Professor PRUCHA  
*Prerequisite:* Bacteriology 5a and 5b; 60 hours university work.

17. **ADVANCED STUDY OF DAIRY BREEDS.**—Historical background; characteristics; noted individuals and families; lactation. Lectures; readings; seminar. I; (3). Assistant Professor YAPP  
*Prerequisite:* Dairy Husbandry 2.

20. **ECONOMIC PROBLEMS IN DAIRY FARMING.**—I; (2). Professor FRASER  
*Prerequisite:* 60 hours university work; Economics 1 or 2.

21. **SYSTEMS OF DAIRY FARMING.**—A three-day inspection trip required; expense about \$24. II; (5). Professor FRASER  
*Prerequisite:* Dairy Husbandry 2; Economics 1.

25. **ADVANCED DAIRY CATTLE FEEDING.**—Feeding standards and experiments; nutritional problems; planning investigations. Lectures; readings; seminar. I; (2). Assistant Professor NEVENS  
*Prerequisite:* Dairy Husbandry 2.

# COURSES FOR GRADUATES

101. **ECONOMIC MILK PRODUCTIONS.**—Efficiency of dairy farms; factors influencing profits. I, II; (1 or 2 units). Professor FRASER

104. **DAIRY BACTERIOLOGY.**—Fermentation in dairy products. I, II; ( $\frac{1}{2}$  to 1 unit). Professor PRUCHA

105. **DAIRY MANUFACTURES.**—Special problems. I, II; ( $\frac{1}{2}$  to 2 units). Professor RUEHE

106. **DAIRY BACTERIOLOGY.**—Assigned problems. I, II; ( $\frac{1}{2}$  to 2 units). Professor PRUCHA

107. **DAIRY CHEMISTRY.**—Assigned problems. I, II; ( $\frac{1}{2}$  to 2 units). Assistant Professor OVERMAN

108. **PHYSIOLOGY OF LACTATION.**—I, II; ( $\frac{1}{2}$  to 2 units). Professor GAINES

112. **RESEARCH.**—Thesis course dealing with special problems. I, II; (1 to 4 units). Professors RUEHE, PRUCHA, GAINES; Assistant Professor OVERMAN

# DRAWING, GENERAL ENGINEERING

Professor JORDAN; Assistant Professors PORTER, HOELSCHER, MICHEL; Mr. WATT, Mr. HALL, Mr. CROSSMAN, Mr. LUNDGREN, Mr. BOWMAN, Mr. PETZING, Mr. MADSEN, Mr. RAHM, Mr. HICKMAN, Mr. HINTON.

1. **ELEMENTS OF DRAFTING.**—Lettering; projection; machine sketching; working drawings; plates, tracings. Tracing duplicated in blue print. Time sketches. I or II; (4). Department Staff

2. **DESCRIPTIVE GEOMETRY.**—Point, line, and plane; surfaces; intersections and developments. Problems; recitations. I or II; (4). Department Staff  
*Prerequisite:* Solid Geometry.

4. **ADVANCED DRAFTING.**—Architectural, structural, topographic, machine, and pictorial drawing. Graphical representations. I, II; (4). Assistant Professors HOELSCHER, MICHEL; Mr. HALL, Mr. CROSSMAN  
*Prerequisite:* General Engineering Drawing 1 or equivalent to be determined by the department.

21. **ADVANCED DESCRIPTIVE GEOMETRY.**—A continuation of course 2, treating higher relations of the point, lines, and plane. Application of descriptive geometry to practical engineering problems. Special problems. II; (2). Assistant Professor PORTER  
*Prerequisite:* General Engineering Drawing 1 and 2.

## SUMMER SESSION COURSES

S1. ELEMENTS OF DRAFTING.—See General Engineering Drawing 1. (4). Mr. WATT

S2. DESCRIPTIVE GEOMETRY.—Theory of orthographic projection; point, line, and plane; properties of surfaces; tangents; intersections and developments. Problems.

Assistant Professor HOELSCHER

*Prerequisite:* Plane and solid geometry.

## ECONOMICS

Professors BOGART, ROBINSON, THOMPSON, WESTON, LITMAN; Associate Professors WATKINS, HUNTER; Assistant Professors WRIGHT, NORTON; Dr. BROWN, Dr. EKE, Dr. BERMAN, Mr. DICKINSON, Mr. FLETCHER, Mr. GRAY, Mr. LANDON, Mr. NICKOLEY, Mr. STOCKWELL, Mr. TRANT, Mr. ADAMEK, Mr. BAYLEY, Mr. BELL, Mr. BISHOP, Mr. BRUCE, Mr. ERB, Mr. EVANS, Mr. HOOVER, Mr. HOWE, Mr. KING, Mr. McCONAGHA, Mr. MOORE, Mr. PRATHER, Mr. REINBOTH, Mr. SHAW, Mr. TAYLOR, Mr. TERBORGH, Mr. TUTTLE, Mr. WHITE.

MAJOR: For students in the College of Liberal Arts and Sciences 20 hours, made up of Economics 1 and any other courses in economics for which it is a prerequisite.

MINORS: 20 hours in any one or two of the following subjects: history, philosophy, political science, and sociology.

Economics 22 and 27 are open to freshmen without previous requirement.

Economics 1 is the fundamental course in economics. It is prerequisite for most of the advanced courses, and students expecting to do advanced work in economics should take it in their sophomore year.

Economics 2, tho open to all students who have had 30 hours of university work, is primarily for students in the Colleges of Agriculture and Engineering and in courses in home economics, chemistry, chemical engineering, and other sciences. It may not be used as a prerequisite for advanced courses in economics except as indicated.

## COURSES FOR UNDERGRADUATES

1. PRINCIPLES OF ECONOMICS.—(See note above.) I, II; (5).

Dr. BROWN and others

*Prerequisite:* 30 hours university work.

2. PRINCIPLES OF ECONOMICS.—(See note above.) I, II; (3).

Associate Professor HUNTER, Mr. NICKOLEY, and others

*Prerequisite:* 30 hours of university work.

3. MONEY, CREDIT, AND BANKING.—I, II; (3).

Mr. TRANT and others

*Prerequisite:* Economics 1 or 2.

16. ECONOMICS OF AGRICULTURE.—I; (3).

Assistant Professor NORTON

*Prerequisite:* Economics 1 or 2.

17. ECONOMIC HISTORY OF AGRICULTURE.—II; (3).

Assistant Professor NORTON

*Prerequisite:* Economics 1 or 2.

22. ECONOMIC HISTORY OF THE UNITED STATES.—Open to freshmen only. II; (3).

Mr. LANDON and others

27. MODERN INDUSTRY.—Commercial and industrial development; products and industries of different countries, especially of the United States. Open to freshmen and sophomores only. I; (3).

Mr. LANDON and others

## COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

8. FOREIGN EXCHANGE AND THE MONEY MARKET.—II; (3).

Assistant Professor WRIGHT and others

*Prerequisite:* Economics 1 and 3; senior standing.

9. ADVANCED THEORY AND PRACTICE OF BANKING.—I; (3).

Assistant Professor WRIGHT and others

*Prerequisite:* Economics 1 or 2 and 3; senior standing.

10. CORPORATION MANAGEMENT AND FINANCE.—II; (3).

Professor ROBINSON and others

*Prerequisite:* Economics 1 and 3.

11. **INDUSTRIAL CONSOLIDATION.**—The growth of monopoly. I; (2).  
*Prerequisite:* Economics 10. Professor ROBINSON and others
13. **MARKETING AND PRICES OF AGRICULTURAL PRODUCTS.**—I; (3).  
*Prerequisite:* Economics 1 or 2; junior standing. Assistant Professor WRIGHT
14. **COOPERATION IN AGRICULTURE.**—II; (2). Assistant Professor NORTON  
*Prerequisite:* Economics 1 or 2.
15. **FINANCING AGRICULTURE.**—II; (3). Assistant Professor WRIGHT  
*Prerequisite:* Economics 1 or 2.
18. **LAND ECONOMICS.**—II; (3). Dr. EKE  
*Prerequisite:* Economics 1 or 2; senior or graduate standing.
24. **ECONOMIC DEVELOPMENT OF MODERN EUROPE.**—II; (3). Professor BOGART  
*Prerequisite:* Economics 1 or 2; junior standing.
25. **ECONOMIC HISTORY OF ENGLAND.**—I; (3). Professor BOGART  
*Prerequisite:* Junior standing.
29. **FOREIGN COMMERCE AND COMMERCIAL POLICIES.**—I; (3). Professor LITMAN  
*Prerequisite:* Economics 1 or 2; junior standing.
30. **WORLD MARKETS.**—II; (3). Professor LITMAN  
*Prerequisite:* Economics 1 or 2; junior standing.
31. **ORGANIZATION OF FOREIGN COMMERCE.**—II; (3). Professor LITMAN, and others  
*Prerequisite:* Business Organization and Operation.
36. **INVESTMENTS.**—II; (2). Professor ROBINSON  
*Prerequisite:* Economics 10; Accountancy 1a and 1b; senior standing.
41. **INTRODUCTION TO LABOR PROBLEMS.**—I; (3). Associate Professor WATKINS and others  
*Prerequisite:* Economics 1 or 2; junior standing.
42. **LABOR ORGANIZATIONS AND EMPLOYERS' ASSOCIATIONS.**—II; (2). Associate Professor WATKINS and others  
*Prerequisite:* Economics 1 or 2; junior standing.
43. **PERSONNEL ADMINISTRATION.**—II; (3). Associate Professor WATKINS and others  
*Prerequisite:* Economics 1 or 2; senior standing.
44. **SOCIALISM AND ECONOMIC REFORM.**—I; (2). Associate Professor WATKINS  
*Prerequisite:* Economics 1 or 2; senior standing.
51. **PUBLIC FINANCE.**—I; (3). Associate Professor HUNTER  
*Prerequisite:* Economics 1 or 2; junior standing.
52. **TAXATION.**—II; (3). Associate Professor HUNTER  
*Prerequisite:* Economics 51.
54. **THE FISCAL SYSTEM OF ILLINOIS.**—II; (2). Associate Professor HUNTER  
*Prerequisite:* Economics 51.
- [55. **ECONOMICS OF INSURANCE.**—I; (2). Professor ROBINSON  
*Prerequisite:* Economics 1 or 2. Not given in 1923-24.]
56. **PROPERTY INSURANCE.**—I; (2). Professor ROBINSON  
*Prerequisite:* Economics 1 or 2 and 3.
61. **ECONOMIC THEORY.**—I; (3). Professor BOGART, Associate Professor HUNTER  
*Prerequisite:* Economics 1 or 2; junior standing.
71. **ECONOMIC STATISTICS.**—I; (3). Assistant Professor LITTLETON  
*Prerequisite:* Economics 1 or 2; senior standing.
81. **PRINCIPLES OF PUBLIC UTILITIES.**—I; (3). Mr. HERRMANN  
*Prerequisite:* Economics 1 and 3.
90. **THESIS.**—II; (2-4). Members of the Staff  
*Prerequisite:* Major in Economics; senior standing.

## COURSES FOR GRADUATES

101. **ECONOMIC THEORY.**—I, II; (1 unit). Professor WESTON
- [102. **THEORY OF MONEY, CREDIT, AND PRICES.**—I; (1 unit). Not given in 1923-24]  
 Professor WESTON

103. THE DISTRIBUTION OF WEALTH.—I, II; (1 unit). Professor WESTON  
 104a. THEORIES AND POLICIES OF FOREIGN COMMERCE.—I; (1 unit). Professor LITMAN  
 104b. METHODS AND PRACTICES OF FOREIGN TRADE.—II; (1 unit). Professor LITMAN  
 105. PUBLIC FINANCE.—I, II; (1 unit). Associate Professor HUNTER  
 106. INTERNATIONAL EXCHANGE AND THE MONEY MARKETS.—I; (1 unit). Professor WESTON  
 107. THE CORPORATION IN ECONOMIC EVOLUTION.—I, II; (1 unit). Professor ROBINSON  
 112. LABOR PROBLEMS.—I; (1 unit). Associate Professor WATKINS  
 120. HISTORY OF ECONOMIC THOUGHT.—II; (1 unit). Professor WESTON  
 122. ECONOMIC HISTORY OF THE UNITED STATES.—I, II; (1 unit). Professor BOGART  
 130. THEORY OF AGRICULTURAL ECONOMICS.—I, II; (1 unit). Assistant Professor WRIGHT  
 131. AGRICULTURAL RESOURCES.—I, II; (1 unit). Assistant Professor NORTON  
 143. THE ADMINISTRATION OF INDUSTRIAL RELATIONS.—I, II; (1 unit). Associate Professor WATKINS  
 118. SEMINAR.—I, II.  
     A. Economic Theory . . . . . Professor WESTON  
     B. Economic History . . . . . Professor BOGART  
     C. Foreign Trade . . . . . Professor LITMAN  
     D. Corporations . . . . . Professor ROBINSON  
     E. Industrial Relations . . . . . Associate Professor WATKINS  
     F. Finance . . . . . Associate Professor HUNTER  
     G. Agricultural Economics . . . . . Assistant Professor WRIGHT

## SUMMER SESSION COURSES

## COURSES FOR UNDERGRADUATES

- S2. PRINCIPLES OF ECONOMICS.—(3). Mr. HERRMANN, Mr. GERIG  
*Prerequisite:* One year of university work or (for teachers) the permission of the instructor.  
*Equivalent:* Economics 2.  
 S3. MONEY, CREDIT, AND BANKING.—(2½). Dr. NELSON  
*Prerequisite:* A course in the principles of economics or the permission of the instructor.  
*Equivalent:* Economics 3 when used as a prerequisite.

## COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

- S41. LABOR PROBLEMS AND LABOR ORGANIZATIONS.—(3). Associate Professor WATKINS  
*Prerequisite:* Economics 1; junior standing.  
 S51. PUBLIC FINANCE.—(2). Associate Professor HUNTER  
*Prerequisite:* Economics 1; junior standing.

## COURSES FOR GRADUATES

- S118. SEMINAR.—For graduate students who are writing theses, or are engaged in research work. (1 to 2½ units). Associate Professors WATKINS, HUNTER  
*Prerequisite:* Graduate standing.

## EDUCATION

Professors CHADSEY, HOLLISTER, CAMERON, MONROE, PAUL, ZUPPKE; Director HUFF; Associate Professors SEYBOLT, NOLAN, MAYS, LUNDGREN; Assistant Professors BELTING, LYTLE, PHILLIPS, STAFFORD, STALEY; Dr. ODELL, Dr. McCLUSKY, Mr. WILLIAMS, Mr. HILL, Miss STREITZ, Miss ROBINSON, Miss TODD, Mr. GILL, Mr. RUBY, Mr. BEARG, Mr. INGWERSEN, Mr. MANLEY, Mr. SMITH, Mr. WAGNER, Mr. PITTSER, Mr. BULLOCK, Mr. ANDERSON, Mr. LAWSON, Mr. TROTH, Mr. BROWNELL, Mr. WEBER, Mr. CROXTON, Mr. FOSTER, Mr. BRAUCHER, Miss ANDERSON, Miss PHILLIPS, Miss McHARRY, Miss SARGENT, Miss SANKEE, Miss BOWLUS, Miss THOMSEN, Miss DUGUID, Mr. APPLING, Miss SEAWELL, Miss TAYLOR, Miss SCHUESSLER, Mrs. JOHNSTON, Mr. CLARK, Mr. BURGESS, Mr. REAGAN, Miss BASSETT. *Cooperating in Summer Session:* Professors CLEMENT, HORN; Dr. CAMP, Dr. KRUSÉ, Mr. TRIMBLE, Mr. HIGGINSON, Mr. DOBIE, Mr. BROWN.

MAJOR: For students in the College of Liberal Arts and Sciences, 20 hours including educational psychology, history of education, technic of teaching, and principles of secondary education.

MINORS: 20 hours made up from either (a) courses in any university subject represented in the high-school program; or (b) courses in any one or two of the following departments: psychology, sociology, philosophy, and political science.

## A. GENERAL COURSES IN EDUCATION

## INTRODUCTORY COURSES

2. HISTORY OF EDUCATION.—(A general survey). I or II; (3).

Associate Professor SEYBOLT

*Prerequisite:* Junior standing.

3. SURVEY OF MODERN EDUCATIONAL PROBLEMS.—Designed especially for students who are not planning to enter the teaching profession. I; (3).

Dean CHADSEY

*Prerequisite:* Sophomore standing.

6. PRINCIPLES OF SECONDARY EDUCATION.—I or II; (3).

Assistant Professor BELTING, Mr. WEBER

*Prerequisite:* Junior standing.

10. TECHNIC OF TEACHING.—(This course, with Education 25 is, by Senate ruling, required of all students who are given the official recommendation of the Appointments Committee for teaching positions in secondary schools). I or II; (3).

Associate Professor NOLAN, Assistant Professor BELTING, Dr. ODELL, Dr. McCLUSKY, Miss STREITZ

*Prerequisite:* Education 25.

25. EDUCATIONAL PSYCHOLOGY.—(Introductory course). See Education 10. I or II; (3).

Professor CAMERON, Mr. TROTH, Mr. BROWNELL

*Prerequisite:* Psychology 1.

## METHODS COURSES

Courses offered in the respective departments in the College of Liberal Arts and Sciences and the School of Music will be accepted as courses in Education.

Art and Design 9a.—I; (3).

Art and Design 9b.—II; (3).

Botany 30.—I; (2).

Chemistry 17.—II; (3).

Latin 9.—II; (2).

English 41.—I; (2).

English 42.—II; (2).

[German 25.—(Not given, 1923-24).]

History 18.—II; (2).

Home Economics 11.—I or II; (3).

Home Economics 13.—I or II; (3).

Home Economics 34.—I; (1).

Mathematics 35.—I; (3).

Music 25a.—I; (2).

Music 25b.—II; (2).

Music 26a.—I; (2).

Music 26b.—II; (2).

Physical Education 15a.—I; (3).

Physical Education 15b.—II; (3).

Physics 18.—II; (3).

Public Speaking 12.—II; (2).

French 25.—I; (2).

Spanish 25.—II; (2).

## COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

4. PROBLEMS OF EDUCATIONAL ADMINISTRATION.—II; (3). Dean CHADSEY  
*Prerequisite:* Senior standing or consent of instructor.
11. ANCIENT AND MEDIEVAL EDUCATION.—I; (3). Associate Professor SEYBOLT  
*Prerequisite:* Senior standing.
- 20a. THEORY OF SUPERVISION.—I; (3). Assistant Professor BELTING  
*Prerequisite:* Education 25.
23. EDUCATIONAL STATISTICS.—II; (3). Dr. ODELL  
*Prerequisite:* Senior standing; Education 25.
27. HIGH SCHOOL CURRICULA.—II; (3). Assistant Professor BELTING  
*Prerequisite:* Education 6, or consent of instructor.
30. HISTORY OF AMERICAN EDUCATION.—II; (3). Associate Professor SEYBOLT  
*Prerequisite:* Senior standing; Education 2 or 11.
41. PRINCIPLES OF VOCATIONAL EDUCATION.—II; (3). Same as Industrial Educa-  
 tion 41. Associate Professor MAYS  
*Prerequisite:* Junior standing, or consent of the instructor.
42. AUXILIARY OR SPECIAL EDUCATION.—I; (3). Professor CAMERON  
*Prerequisite:* Education 25.
43. MENTAL TESTS.—II; (3). Professor CAMERON  
*Prerequisite:* Education 25 and the consent of the instructor.
44. EDUCATIONAL PSYCHOLOGY.—(Laboratory course). I; (3). Professor CAMERON  
*Prerequisite:* Education 25.
45. ADVANCED EDUCATIONAL PSYCHOLOGY.—II; (3). Professor CAMERON  
*Prerequisite:* Education 25.
53. PROBLEMS OF INDUSTRIAL EDUCATION.—II; (3). Associate Professor MAYS  
 tion 50. *Prerequisite:* Junior standing, or consent of instructor. Same as Industrial Educa-
54. PROBLEMS OF PART-TIME TEACHING.—I; (3). Same as Industrial Education 54.  
 Associate Professor MAYS
60. HIGH SCHOOL ADMINISTRATION.—I; (2). Assistant Professor BELTING  
*Prerequisite:* Education 6, or consent of the instructor.
- 99a-99b. THESIS.—For candidates for honors in the College of Liberal Arts and  
 Sciences and for other seniors. I, II; (2). Dean CHADSEY and others

## COURSES FOR GRADUATES

101. EDUCATIONAL THEORY.—The philosophical basis of education theory. II;  
 (1 unit). Professor CAMERON
102. RESEARCH IN HISTORY OF AMERICAN EDUCATION.—I or II; (1 unit).  
 Associate Professor SEYBOLT
104. EDUCATIONAL ADMINISTRATION.—I or II; (1 unit). Professor CHADSEY
106. SECONDARY EDUCATION.—II; (1 unit). Assistant Professor BELTING
119. CURRICULUM CONSTRUCTION.—I; (1 unit). Professor MONROE
121. EDUCATIONAL MEASUREMENTS.—II; (1 unit). Professor MONROE
124. EDUCATIONAL RESEARCH.—I; (1 unit). Professor MONROE
125. EDUCATIONAL PSYCHOLOGY.—Psychology of school subjects. I; (1 unit).  
 Professor CAMERON
141. PROBLEMS IN THE TEACHING OF ENGLISH IN THE SECONDARY SCHOOL.—I; (1  
 unit). Professor PAUL

DEPARTMENTAL CONFERENCE.—All graduate students majoring in education are expected to meet with the departmental staff the 1st and 3rd Mondays of each month, 7 to 9 p. m. I, II; (no credit).

## SUMMER SESSION COURSES

(The content of these courses is, in general, the same as in the regular session.)

## COURSES FOR UNDERGRADUATES

- S6. PRINCIPLES OF SECONDARY EDUCATION.—(3). Professor CLEMENT
- S10. TECHNIC OF TEACHING.—(3).  
Professor HOLLISTER, Dr. CAMP, Dr. MCCLUSKY, Miss STREITZ, Mr. TROTH, Mr. TRIMBLE
- S25. EDUCATIONAL PSYCHOLOGY.—(3).  
Dr. KRUSÉ, Mr. WILLIAMS, Miss STREITZ, Mr. TROTH, Mr. HIGGINSON

## COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

- S4a. SPECIAL PROBLEMS IN EDUCATIONAL ADMINISTRATION.—(1½).  
Dean CHADSEY
- S7. VISUAL EDUCATION.—(1). Dr. MCCLUSKY
- S8. PHILOSOPHY OF EDUCATION.—(2). Dr. KRUSÉ
- S9. SCHOOL BUILDING AND SANITATION.—(2). Professor HOLLISTER
- S12. THE PRINCIPAL AND HIS SCHOOL.—(2). Mr. TRIMBLE
- S14. PROBLEMS IN ELEMENTARY EDUCATION.—(2½). Professor HORN
- S17. THE TEACHER.—(1). Mr. WILLIAMS
- S18. EDUCATIONAL MEASUREMENTS.—(2). Dr. ODELL
- S21. SUPERVISION OF INSTRUCTION OF ELEMENTARY SCHOOL SUBJECTS.—(2).  
Dr. CAMP
- S23. EDUCATIONAL STATISTICS.—(2). Dr. ODELL
- S26. CURRICULUM THEORY AND PRACTICE IN SECONDARY EDUCATION.—(2).  
Professor CLEMENT
- S28. THE COMMUNITY AND ITS HIGH SCHOOL.—(2). Assistant Professor BELTING
- S41. A SURVEY OF VOCATIONAL EDUCATION.—(2½). Assistant Professor PHILLIPS
- S45. ADVANCED EDUCATIONAL PSYCHOLOGY.—(2). Professor CAMERON
- S46. PROBLEMS OF THE EXCEPTIONAL CHILD.—(2½). Professor HORN
- S47. PSYCHOLOGY OF THE ELEMENTARY SCHOOL SUBJECTS.—(1).  
Professor CAMERON
- S55. PROBLEMS OF VOCATIONAL GUIDANCE.—(2½). Assistant Professor PHILLIPS
- S60. HIGH SCHOOL ADMINISTRATION.—(2). Assistant Professor BELTING
- S90. RURAL EDUCATION.—(2). Associate Professor NOLAN

## COURSES FOR GRADUATES

- S101. EDUCATIONAL THEORY.—(½ unit). Professor CAMERON
- S104. EDUCATIONAL ADMINISTRATION.—(½ unit). Dean CHADSEY
- S106a. PROBLEMS OF HIGH SCHOOL ADMINISTRATION.—(½ unit).  
Assistant Professor BELTING
- S106b. PROBLEMS OF HIGH SCHOOL CURRICULUMS.—(½ unit).  
Assistant Professor BELTING
- S107. VISUAL EDUCATION.—(½ unit). Dr. MCCLUSKY
- S118. THEORY OF EDUCATIONAL MEASUREMENTS.—(½ unit). Dr. ODELL
- S125. EDUCATIONAL PSYCHOLOGY.—(½ unit). Professor CAMERON
- S127. THE HIGH SCHOOL CURRICULUMS.—(½ unit).  
Assistant Professor BELTING
- S141. PROBLEMS IN THE TEACHING OF ENGLISH IN THE SECONDARY SCHOOL.—(½ unit).  
Professor PAUL



## B. EDUCATIONAL PRACTICE

Open to seniors in the College of Education and in certain cases with the consent of the instructor to juniors.

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|--|---|
| 1. ATHLETIC COACHING.—I or II; (1-3). <sup>1</sup>       |   |
| 2. ATHLETIC COACHING.—I or II; (1-3). <sup>1</sup>       |   |
| 3. ATHLETIC COACHING.—I or II; (1-3). <sup>1</sup>       |   |
| 4. ATHLETIC COACHING.—I or II; (1-3). <sup>1</sup>       |   |
| 5. AGRICULTURAL EDUCATION.—I or II; (3-5). <sup>1</sup>  | Mr. HILL, Mr. ANDERSON, Mr. LAWSON      |
| 6. BOTANY.—II; (5).                                      | Mr. CROXTON                             |
| 7. CHEMISTRY.—I or II; (5).                              | Mr. APPLING                             |
| 8. CIVICS.—II; (5).                                      | Mr. FOSTER                              |
| 9. DRAWING, ART AND DESIGN.—I or II; (3-5). <sup>1</sup> | Miss ANDERSON                           |
| 10. DRAWING, MECHANICAL.—I or II; (3-5). <sup>1</sup>    | Mr. BRAUCHER                            |
| 11. ENGLISH.—I or II; (5).                               | Miss McHARRY, Miss DUGUID, Miss SEAWELL |
| 12. FRENCH.—I or II; (5).                                |   |
| 13. GENERAL SCIENCE.—I or II; (5).                       | Mr. CROXTON                             |
| 14. HOME ECONOMICS EDUCATION.—I or II; (5).              | Miss TODD, Miss ROBINSON                |
| 15. HISTORY.—I or II; (5).                               | Mr. FOSTER                              |
| 16. INDUSTRIAL EDUCATION.—I or II; (3-5). <sup>1</sup>   | Mr. BRAUCHER                            |
| 17. LATIN.—I or II; (5).                                 | Miss BOWLUS, Miss SARGENT               |
| 18. MANUAL TRAINING.—I or II; (3-5). <sup>1</sup>        | Mr. BRAUCHER                            |
| 19. MATHEMATICS.—I or II; (5).                           | Miss THOMSEN, Miss TAYLOR               |
| 20. MUSIC.—I or II; (3-5). <sup>1</sup>                  | Miss PHILLIPS                           |
| 21. PHYSICS.—I or II; (5).                               | Mr. APPLING                             |
| 22. ZOOLOGY.—I; (5).                                     | Mr. CROXTON                             |
| 23. SPANISH.—I or II; (5).                               |   |

## C. AGRICULTURAL EDUCATION

- (3). 51. TEACHERS' COURSE IN AGRICULTURE.—*Required of vocational teachers.* I or II;  
Associate Professor NOLAN, Mr. HILL  
*Prerequisite:* Education 10 and senior standing.

## COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

90. RURAL AND AGRICULTURAL EDUCATION.—I; (3). Associate Professor NOLAN  
91. AGRICULTURAL EDUCATION.—II; (3-5).<sup>1</sup> Associate Professor NOLAN  
*Prerequisite:* Agricultural Education 50, 51, and senior standing.

## SUMMER SESSION COURSES

(All courses in agricultural education are designed for teacher-training in vocational agriculture, meeting the provisions of the Smith-Hughes Act for Vocational Education.)

- S50D. FARM PRACTICE SUPERVISION.—(2-3).<sup>1</sup>

Associate Professor NOLAN, Mr. WILLEY

- S51. TEACHERS' COURSE IN AGRICULTURAL EDUCATION.—(3).

Associate Professor NOLAN

- S90. RURAL EDUCATION.—(2).

Associate Professor NOLAN

- STATE CONFERENCE OF TEACHERS OF VOCATIONAL AGRICULTURE.—June 18-25.

<sup>1</sup>In registering for a course with variable credit hours, a student must put down on his study-list not the possible hours, as shown here, but the number of hours for which he intends to take the course; e.g., not 1-3, but, 1, or 2, or 3.

## D. ATHLETIC COACHING

3. CALISTHENICS.—Theory and practice of free exercises. I or II; (2).  
Assistant Professor STALEY
4. GYMNASTIC STUNTS.—Practice of acrobatic stunts. I; (2). Mr. HINDMAN  
*Prerequisite:* Athletic Coaching 3 and 10.
7. BOXING.—Practice and theory in fundamentals. I or II; (1). Mr. PREHN
8. WRESTLING.—Practice and theory in fundamentals. I or II; (1). Mr. PREHN
10. SINGLE LINE MARCHING AND GYMNASTIC DANCING.—I or II; (2).  
Assistant Professor STALEY
11. HISTORY AND PHILOSOPHY OF PHYSICAL EDUCATION.—Development in France, Germany, Sweden, and the United States; school programs. II; (3).  
Assistant Professor STALEY
15. COMMUNITY RECREATION.—Combative contests, games, mass athletics; supervision of community recreation. I; (3). Assistant Professor STALEY, Mr. HINDMAN
16. TRAINING AND FIRST AID.—I; (1). Mr. BULLOCK  
*Prerequisite:* Anatomy 1 and 2; Physiology 1 and 2.
17. ORGANIZATION AND ADMINISTRATION.—Organizing and administering physical education and athletics. I; (2). Mr. BEARG  
*Prerequisite:* Junior standing.
20. TRACK AND FIELD ATHLETICS.—Track and field events, coaching and training methods; management of meets. I; (4). Mr. GILL
30. FOOTBALL.—Practical work in fundamentals. I or II; (2).  
Mr. SMITH, Mr. PITTSER
31. FOOTBALL.—Review of fundamentals; practical and theoretical work in team play. I or II; (2).  
Mr. BEARG, Mr. INGWERSEN  
*Prerequisite:* Athletic Coaching 30.
32. FOOTBALL.—Fundamentals and football strategy from coaches' standpoint. II; (2).  
Professor ZUPPKE
40. BASKETBALL.—Practical and theoretical work. I or II; (2).  
Mr. SMITH, Mr. PITTSER
41. BASKETBALL.—Methods and technic from coaches' standpoint. II; (2).  
Mr. RUBY  
*Prerequisite:* Athletic Coaching 40.
50. BASEBALL.—Theory and practice. I or II; (4).  
Director HUFF, Associate Professor LUNDGREN
60. SWIMMING.—Swimming, diving, water sports. II; (2). Mr. MANLEY
70. PHYSICAL DIAGNOSIS AND MEDICAL GYMNASTICS.—Detection of abnormalities and treatment by physical methods. I or II; (5). Assistant Professor STAFFORD  
*Prerequisite:* Anatomy 1 and 2; Physiology 1 and 2.

## SUMMER SESSION COURSES

- S9a. FOOTBALL THEORY.—(2). Mr. DOBIE
- S10a. BASEBALL THEORY.—(1). Director HUFF, Associate Professor LUNDGREN
- S10b. BASEBALL PRACTICE.—( $\frac{1}{3}$ ). Associate Professor LUNDGREN
- S11a. TRACK AND FIELD THEORY.—(1). Mr. GILL
- S11b. TRACK AND FIELD PRACTICE.—( $\frac{1}{3}$ ). Mr. GILL
- S12a. BASKETBALL THEORY.—(1). Mr. RUBY
- S12b. BASKETBALL PRACTICE.—( $\frac{1}{3}$ ). Mr. RUBY, Mr. BEARG, Mr. INGWERSEN
- S13a. FOOTBALL THEORY.—(2). Professor ZUPPKE
- S13b. FOOTBALL PRACTICE.—( $\frac{1}{3}$ ). Mr. BEARG, Mr. INGWERSEN

S14a. TRAINING THEORY.—( $\frac{1}{4}$ ).	Mr. BULLOCK
S14b. TRAINING PRACTICE.—( $\frac{1}{4}$ ).	Mr. BULLOCK
S15. CALISTHENICS.—( $\frac{1}{2}$ ).	Assistant Professor STALEY
S16. MASS PHYSICAL ACTIVITIES.—( $\frac{1}{2}$ ).	Assistant Professor STALEY
S17. GYMNASICS.—( $\frac{1}{2}$ ).	Mr. WAGNER
S18. MEDICAL GYMNASICS.—(2).	Assistant Professor STAFFORD
S19. ORGANIZATION AND ADMINISTRATION.—(1).	Mr. BEARG
S20. PHYSICAL DIAGNOSIS.—(1).	Assistant Professor STAFFORD
S21. GYMNASIIC DANCING.—(1).	Mr. WAGNER
S22. THEORIES AND SYSTEMS OF PHYSICAL TRAINING.—(1).	Assistant Professor STALEY
S24. SWIMMING.—( $\frac{1}{2}$ ).	Mr. BROWN
S25. BOXING.—( $\frac{1}{2}$ ).	Mr. PREHN
S26. WRESTLING.—( $\frac{1}{2}$ ).	Mr. PREHN

### E. HOME ECONOMICS EDUCATION

1. TEACHERS' COURSE.—Same as Home Economics 11. Required of all who wish to be recommended to teach Home Economics. I or II; (3). Miss ROBINSON  
*Prerequisite:* Home Economics 6, 29. *Prerequisite or concurrent:* Education 10, Home Economics 5, 10, and for non-Smith-Hughes students, Home Economics 34.

2. TEACHERS' COURSE.—Same as Home Economics 13. Required of all who wish to be recommended to teach Home Economics. I or II; (3). Miss TODD  
*Prerequisite:* Junior or senior standing in Home Economics.

3. PRACTICE TEACHING.—See Educational Practice 14.

### F. INDUSTRIAL EDUCATION

1. MANUAL ARTS.—First course. I or II; (4).	Mr. BRAUCHER
2. ADVANCED MANUAL ARTS.—II; (4).	Mr. BRAUCHER
2a. ADVANCED MANUAL ARTS.—I or II; (4).	Mr. BRAUCHER
3. MECHANICAL DRAWING.—Same as G. E. D. 1.	
4. PATTERN AND FOUNDRY WORK.—Same as M. E. 85 and 86.	
5. FORCE WORK.—Same as M. E. 71.	
6. WOOD WORK.—Same as M. E. 73.	
7. MACHINE AND FORGE WORK.—Same as M. E. 87 and 88.	

### COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

50. PROBLEMS OF INDUSTRIAL EDUCATION.—I, II; (1-3).	Associate Professor MAYS
<i>Prerequisite:</i> Junior standing, instructor's consent.	
54. PROBLEMS OF PART-TIME TEACHING.—I, II; (3).	Associate Professor MAYS
57. ORGANIZATION OF SHOPWORK.—I, II; (3).	Associate Professor MAYS
61. SUPERVISED TEACHING OF MANUAL ARTS.—I, II; (5). See Educational Practice	Mr. BRAUCHER
62. HISTORY AND ORGANIZATION OF MANUAL ARTS.—I, II; (3).	Mr. BRAUCHER
E41. SURVEY OF VOCATIONAL EDUCATION.—Same as Education 41. Extra-mural.	
<i>Prerequisite:</i> Age over 21 years. (1-3).	

E50. SURVEY OF INDUSTRIAL EDUCATION.—Same as Industrial Education 50. Extra-mural.

E52. TEACHING RELATED TRADE SUBJECTS.—(1-3). Extra-mural.

E54. PRINCIPLES AND METHODS OF PART-TIME TEACHING.—Same as Industrial Education 54. Extra-mural.

E54a. CONTINUATION OF INDUSTRIAL EDUCATION E54.—Extra-mural.

E56. TEACHING SHOPWORK.—Extra-mural.

*Prerequisite:* (a) Two years of trade or industrial experience beyond the apprenticeship; (b) Completion of elementary school curriculum. (1-3).

#### SUMMER SESSION COURSES

S1. FIRST COURSE IN WOOD WORK.—(2½). Mr. BRAUCHER

S2a. ADVANCED COURSE IN SHOPWORK.—(2½). Mr. BRAUCHER

S62. HISTORY AND ORGANIZATION OF MANUAL ARTS.—(2½). Mr. BRAUCHER

S3. MECHANICAL DRAWING.—Same as General Engineering Drawing S1.

#### COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

S41. A SURVEY OF VOCATIONAL EDUCATION.—(2½). Assistant Professor PHILLIPS

S55. PROBLEMS OF VOCATIONAL GUIDANCE.—(2½). Assistant Professor PHILLIPS

### ELECTRICAL ENGINEERING

Professors PAINE, BROOKS; Assistant Professors WALDO, KNIGHT, REID; Mr. BROWN, Mr. BULLIONS, Mr. KEENER, Mr. KRAEHNBUHL, Mr. FAUCETT, Mr. ARCHER, Mr. PERKINS.

4. ELEMENTARY ELECTRICAL ENGINEERING.—Electrical machinery; selection, installation, and operation; distribution of power; motor applications. II; (2).

Professor BROOKS

*Prerequisite:* Physics 1a-1b, 3a-3b; junior standing.

8. ELECTRIC CURRENTS AND APPARATUS.—Direct and alternating current circuits and machines; storage batteries. (Especially for students in chemical engineering). I; (3).

Professor BROOKS

*Prerequisite:* Physics 1a-1b, 3a-3b; registration or credit in Mathematics 8; registration in Electrical Engineering 68.

11. DIRECT CURRENT APPARATUS.—Generators, motors, distribution circuits; storage batteries. (For students in general and mechanical engineering and industrial administration.) I; (3).

Mr. BULLIONS, Mr. KRAEHNBUHL

*Prerequisite:* Physics 1a-1b, 3a-3b; Mathematics 8 or 9.

12. ALTERNATING CURRENT APPARATUS.—Generators and motors, transformers, distribution systems. (For students in mechanical engineering and industrial administration.) II; (3).

Mr. BULLIONS, Mr. KRAEHNBUHL

*Prerequisite:* Electrical Engineering 11, 61; registration in Electrical Engineering 62.

25. DIRECT CURRENT APPARATUS.—Laws of electric and magnetic circuits; construction and operation of direct current generators and motors. I; (4).

Assistant Professor KNIGHT, Mr. BROWN

*Prerequisite:* Mathematics 9; registration in Electrical Engineering 75 and Physics 44a.

26. ALTERNATING CURRENTS.—Mathematical and graphical treatment of periodic currents; phenomena in transmission lines and transformers. II; (4).

Assistant Professor KNIGHT, Mr. BROWN

*Prerequisite:* Electrical Engineering 25; Physics 44a; registration in Electrical Engineering 76.

35. ALTERNATING CURRENT APPARATUS.—Transformers and generators. I; (4).  
Professor PAINE, Mr. KEENER  
*Prerequisite:* Electrical Engineering 26, 76; registration in Electrical Engineering 85.
36. ALTERNATING CURRENT APPARATUS.—Synchronous, induction, and commutator motors; rotary converters; distributed inductance and capacity; transient phenomena. II; (4).  
Professor PAINE, Mr. KEENER  
*Prerequisite:* Electrical Engineering 35, 36; registration in Electrical Engineering 86.
51. RADIO COMMUNICATION.—Radio telegraphy and telephony; experimental work with radio equipment. I; (3).  
Mr. BROWN  
*Prerequisite:* Senior standing in Electrical Engineering.
52. RADIO COMMUNICATION.—Continuation of Electrical Engineering 51. II; (3).  
Mr. BROWN  
*Prerequisite:* Electrical Engineering 51.
55. ELECTRICAL DESIGN.—Electromagnets and dynamos, direct and alternating; transformers. I; (2).  
Assistant Professor WALDO, Mr. PERKINS  
*Prerequisite:* Electrical Engineering 26; registration in Electrical Engineering 35.
56. ELECTRICAL DESIGN.—Power plant design. II; (4).  
Assistant Professor WALDO, Mr. PERKINS  
*Prerequisite:* Electrical Engineering 35; Mechanical Engineering 2.
61. DIRECT CURRENT LABORATORY.—Circuits and machines. (For students in general and mechanical engineering.) I; (1).  
Mr. ARCHER, Mr. FAUCETT  
*Prerequisite:* Registration in Electrical Engineering 11.
62. ALTERNATING CURRENT LABORATORY.—Alternating current circuits and machines. (For students in mechanical engineering.) II; (1).  
Mr. FAUCETT, Mr. ARCHER  
*Prerequisite:* Electrical Engineering 11, 61; registration in Electrical Engineering 12.
64. ELECTRICAL ENGINEERING LABORATORY.—Testing of dynamos and motors, II; (1).  
Mr. PERKINS  
*Prerequisite:* Registration in Electrical Engineering 4.
68. ELECTRICAL ENGINEERING LABORATORY.—Direct and alternating current circuits and machines. I; (1).  
Mr. PERKINS  
*Prerequisite:* Registration in Electrical Engineering 8.
- 71-72. ELECTRICAL ENGINEERING LABORATORY.—Construction of special apparatus or other work approved by the department. (Elective for juniors and seniors.) I, II; (1-3).<sup>1</sup>  
*Prerequisite:* Registration in Electrical Engineering 25.
75. ELECTRICAL ENGINEERING LABORATORY.—Direct current laboratory accompanying Electrical Engineering 25. I; (2).  
Mr. KEENER, Mr. ARCHER  
*Prerequisite:* Registration in Electrical Engineering 25.
76. ELECTRICAL ENGINEERING LABORATORY.—Flux and E. M. F. waves of alternators. Alternating current circuits, instruments. II; (2).  
Mr. KEENER, Mr. ARCHER  
*Prerequisite:* Electrical Engineering 25, 75; registration in Electrical Engineering 26.
85. ELECTRICAL ENGINEERING LABORATORY.—Advanced alternating current testing. I; (2).  
Mr. REID, Mr. KEENER  
*Prerequisite:* Electrical Engineering 76; registration in Electrical Engineering 35.
86. ELECTRICAL ENGINEERING LABORATORY.—Advanced alternating current testing. II; (2).  
Mr. REID, Mr. KEENER  
*Prerequisite:* Electrical Engineering 85; registration in Electrical Engineering 36.
90. LIGHTING.—Electric lamps and other illuminants, and their effective use; interior wiring; methods of distribution. (For students in architecture.) I (half semester only); (1).  
Professor BROOKS  
*Prerequisite:* Junior standing.
92. LIGHTING AND WIRING.—(First half of semester same as E. E. 90.) Distribution and fusing. Underwriters' rules; motors. (For students in architectural engineering.) I; (2).  
Professor BROOKS  
*Prerequisite:* Junior standing.

<sup>1</sup>In registering for a course with variable credit hours, a student must put down on his study-list not the possible hours, as shown here, but the number of hours for which he intends to take the course; e.g., not 2-5, but, 2, or 3, or 4, or 5.

- 95-96. SEMINAR.—Electrical railroading; illumination; telegraphy; telephony; storage batteries; electric metallurgy. I, II; (1). Professor PAINE, Professor BROOKS  
*Prerequisite:* Junior standing.
98. THESIS.—First semester: preliminary reading and investigation; second semester: completion. I; (*no credit*); II; (3).
99. INSPECTION TRIP.—I; (*no credit*).  
*Prerequisite:* Senior standing.

#### COURSES FOR GRADUATES

Entrance on graduate work in electrical engineering presupposes the full undergraduate course in that subject.

101. ADVANCED COURSE IN ALTERNATING CURRENTS.—Theory of transient phenomena; polyphase circuits; measuring apparatus. I, II; ( $1\frac{1}{2}$  units). Professor PAINE
103. ELECTRICAL DESIGN.—Plans for specified machine or apparatus; or for the arrangement of an electrical plant; or for the installation of such machinery or apparatus. II; (1 unit). Assistant Professor WALDO
105. ELECTRICAL ENGINEERING RESEARCH.—Investigation of electrical phenomena or tests of some electrical machine, or of a plant of such machines. I, II; (1 to 3 units). Professor PAINE

#### ENGINEERING

(See ARCHITECTURE, CERAMIC ENGINEERING, CIVIL ENGINEERING, DRAWING, ELECTRICAL ENGINEERING, MECHANICAL ENGINEERING, MECHANICS, MINING ENGINEERING, MUNICIPAL AND SANITARY ENGINEERING, PHYSICS, RAILWAY CIVIL ENGINEERING, RAILWAY ELECTRICAL ENGINEERING, and RAILWAY MECHANICAL ENGINEERING.)

#### THE ENGLISH LANGUAGE AND LITERATURE

(Including RHETORIC, JOURNALISM, PUBLIC SPEAKING, and SCANDINAVIAN.)

Professors SHERMAN, DODGE, CLARK, BERNBAUM,<sup>1</sup> FLOM, PAUL, SCOTT, PATTEE; Associate Professors JONES, ZEITLIN,<sup>1</sup> WOOLBERT, BALDWIN; Assistant Professors HILLEBRAND, BOYER, RINAKER, BUNDY; Dr. WEIRICK, Mrs. SAUNDERS, Dr. PARRY, Miss KYLE, Mr. TROUTMAN, Dr. TUPPER, Mr. WRIGHT, Mr. WATSON, Mr. DOLCH, Dr. CAMPBELL, Dr. LANDIS, Dr. SECORD, Dr. KELSO, Mr. COLBY, Mr. CLIPPINGER, Miss BUSWELL, Mrs. RINGLAND, Miss FLETCHER, Miss BARBER, Miss KELLEY, Mr. DIFFENBAUGH, Miss NELSON, Mr. OESTERLING, Miss SERGEANT, Miss McANALLY, Miss FULLENWIDER, Miss RAND, Mr. RILEY, Mr. SWENEY, Mr. DAVIS, Mr. NELSON, Mr. GRAY, Mrs. McMINN, Mrs. CARLSON, Miss PRATHER, Miss MYERS, Mr. SINCLAIR, Miss TRIPP, Miss SEYMOUR, Miss PIERCY, Miss HILL, Miss WAPLES, Mr. GLENN, Miss VROOMAN, Mr. WAINWRIGHT, Miss SOLLENBERGER, Mr. POWELL, Mr. KARTMAN, Mr. HEIDLER, Mr. PRATT, Mr. MIKESSELL, Mr. CHADWELL, Miss BLEVINS, Miss FRENCH, Mr. BENTLEY, Miss STIDHAM, Mrs. RAPP.  
*Cooperating in Summer Session:* Dr. LEISY.

#### MAJOR IN ENGLISH

MAJOR: 20 hours in English excluding Rhetoric 1-2, English 10, 41-42, and including at least 10 hours in English literature, at least 3 hours in composition,<sup>2</sup> and two courses from the advanced group in English literature.

MINOR: 20 hours in either (a) one foreign language; or (b) in any two foreign languages; or (c) in one foreign language and philosophy; or (d) in one foreign language and history.

<sup>1</sup>On leave of absence.

<sup>2</sup>This requirement may be satisfied by three hours in any of the following courses: Rhet. 3, 6-7, 17, 46; Journalism, 1-2, 9-10, 15-16.

## MAJOR IN JOURNALISM

MAJOR: 20 hours in English excluding Rhetoric 1-2, English 10, English 41-42, and Journalism 1-2. At least 10 hours in English literature and 10 in Journalism, including one advanced course in each group.

MINOR: 20 hours in (a) history, (b) political science, (c) economics, (d) philosophy, (e) sociology, or (f) one foreign language, or (g) in any two subjects in this list.

## MAJOR IN PUBLIC SPEAKING

MAJOR: 10 hours in Public Speaking, inclusive of courses 4 and 8, and exclusive of courses 1, 2, 10; 10 hours in English and Rhetoric, exclusive of English 10, 41, 42, and of Rhetoric 1, 2, 10, 21, 22, and inclusive of one course in English literature from the advanced group.

MINOR: 20 hours in any one or two of the following subjects: Psychology, philosophy, one foreign language, history, political science, economics, sociology.

## A. ENGLISH LITERATURE AND LANGUAGE

1-2. SURVEY OF ENGLISH LITERATURE.—(Credit is not given for either semester separately, nor for the course in addition to course 10-11 or course 20). I, II; (4).

Professor SHERMAN, Associate Professor BALDWIN, Dr. TUPPER, Mr. COLBY, Mr. DIFFENBAUGH, Mr. CLIPPINGER, Mr. RILEY, Mr. NELSON.

*Prerequisite:* One year of college work.

10-11. INTRODUCTION TO LITERATURE.—I: The forms of poetry. II: The forms of prose literature. (Intended only for those who expect to do considerable work in literature, in English, or in some other language. Credit is not given for the course in addition to English 1-2 or 20 nor for either semester separately. One semester's work is credited toward a major in English.) I, II; (3).

Professors DODGE, PAUL; Associate Professor JONES; Assistant Professors HILLEBRAND, BOYER, RINAHER; Dr. PARRY, Miss KYLE, Dr. TUPPER, Dr. SECORD, Dr. KELSO, Mr. RILEY.

*Prerequisite:* The minimum entrance requirements in English.

12-13. AMERICAN LITERATURE.—(Credit is not given for either semester separately.) I, II; (2).

Professor PAUL, Miss FULLENWIDER

*Prerequisite:* English 1-2 or 10-11, or junior standing.

20. CHIEF ENGLISH WRITERS OF THE NINETEENTH CENTURY.—Nineteenth century men of letters on religion, politics, economics, conduct, and social life. For those whose program admits of but one semester's work in English. (Students who have taken English 20 with a grade of B may, however, elect in their second semester English 22, 23, 24, and, in their junior and senior years, may be admitted to other courses in literature with the consent of the instructor.) Credit is not given for the course in addition to English 1-2 or 10-11. I, II; (4).

Assistant Professor BOYER, Dr. PARRY, Dr. WEIRICK, Dr. TUPPER, Miss RAND  
*Prerequisite:* One year of college work.

21-22. LITERARY STUDY OF THE BIBLE.—(Either semester may be taken separately.) I, II; (3).

Associate Professor BALDWIN

*Prerequisite:* Six hours of English literature, or English 20 with a grade of B.

23. INTRODUCTION TO SHAKESPEARE.—I, or II; (3).

Professor SHERMAN, Assistant Professor HILLEBRAND, Miss SEYMOUR  
*Prerequisite:* English 1-2 or 10-11, or junior standing, or English 20 with a grade of B.

24. ENGLISH LITERATURE OF THE VICTORIAN PERIOD.—II; (3). Miss KYLE

*Prerequisite:* 6 hours of English literature or English 20 with a grade of B.

29. ENGLISH LITERATURE FROM 1557 TO 1688, EXCLUSIVE OF THE DRAMA.—I; (3).

Associate Professor BALDWIN

*Prerequisite:* 6 hours of English literature.

[31. ENGLISH LITERATURE FROM 1688 TO 1789.—II; (3). Not given in 1923-24.

Professor PAUL

*Prerequisite:* 6 hours of English literature.]

33. ENGLISH LITERATURE FROM 1789 TO 1837.—I; (3).

Assistant Professor BUNDY

*Prerequisite:* 6 hours of English literature.

41. THE TEACHING OF ENGLISH LITERATURE.—I; (2). (Not counted toward a major in English).

Professor PAUL

*Prerequisite:* 10 hours of English literature; junior standing.

42. THE TEACHING OF ENGLISH COMPOSITION.—II; (2). (Not counted toward a major in English).

Professor PAUL

*Prerequisite:* 10 hours of English literature; junior standing.

43. BROWNING.—Intensive reading of the principal poems. I; (3).

Miss KYLE

*Prerequisite:* 6 hours of English literature or junior standing.

44. CONTEMPORARY POETRY.—II; (3).

Dr. WEIRICK

*Prerequisite:* 10 hours of English literature or junior standing.

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

*Prerequisite:* Junior or senior standing and either 10 hours of English literature or the consent of the instructor.

3. THE POETRY OF MILTON.—Origin, forms, artistic and ethical values; Milton's place in English literary history. II; (3).

Associate Professor BALDWIN

5. SHAKESPEARE.—Intensive study of six plays, with special emphasis on Hamlet. II; (3).

Professor DODGE

25. CHAUCER.—I; (3).

Associate Professor JONES

26. SPENSER.—II; (3).

Associate Professor JONES

8-9. OLD ENGLISH (ANGLO-SAXON).—Grammar; short poems; *Beowulf*. (The first semester may be taken separately.) I, II; (3).

Professor DODGE

[17. HISTORY OF THE ENGLISH LANGUAGE.—II; (3). Not given in 1923-24.

Associate Professor ZEITLIN]

35. THE ENGLISH DRAMA (EXCLUSIVE OF SHAKESPEARE).—From the beginning to 1600. I; (3).

Professor DODGE

[36. THE ENGLISH DRAMA (EXCLUSIVE OF SHAKESPEARE).—From 1600 to 1700. II; (3). Not given in 1923-24.

Assistant Professor HILLEBRAND]

38. THE ARTHURIAN TRADITION.—The historical Arthur; celtic influences; Old French Romances; the tradition in England, with especial attention to Malory and Tennyson. II; (3).

Dr. PARRY

39. INTRODUCTION TO THE LITERATURE OF THE MIDDLE AGES.—Classical influences. Epic, romance, lay, allegory, fabliau, and lyric types. I; (3).

Dr. PARRY

45. DEVELOPMENT OF THE MODERN DRAMA.—Dramatic tendencies in the nineteenth century, both in England and on the Continent; reading; lectures. I; (3).

Assistant Professor HILLEBRAND

49. LITERARY TREATMENT OF SOCIAL AND ECONOMIC PROBLEMS, 1770-1870.—II; (3).

Assistant Professor BOYER

[52. GREAT NOVELISTS OF THE NINETEENTH CENTURY.—I; (3). Not given in 1923-24.

Professor BERNBAUM]

53. MATHEW ARNOLD.—His prose and poetry with special reference to the currents of nineteenth century thought. II; (3).

Professor SHERMAN

54. INTRODUCTION TO COMPARATIVE LITERATURE.—Greek, Latin, Italian, Spanish, French, German, and English authors. The second semester may not be taken separately. I, II; (3).

Professors SHERMAN, OLDFATHER, MCKENZIE; Associate Professors BROOKS; Assistant Professor VAN HORNE; Dr. LANDIS.

60a-60b. THESIS.—Special training in investigation. For candidates for honors, and for other seniors. I, II; (2).

Assistant Professor BOYER and others



## COURSES FOR GRADUATES

101. RESEARCH IN SPECIAL TOPICS.—Guidance in writing thesis for advanced degrees. I, II; (1 or 2 units).  
Professors SHERMAN, DODGE, BERNBAUM, FLOM, SCOTT; Associate Professors JONES, ZEITLIN, WOOLBERT, BALDWIN; Assistant Professors HILLEBRAND, BOYER, RINAKER, BUNDY.

102. CRITICAL AND BIBLIOGRAPHICAL SURVEY OF ENGLISH LITERATURE.—From the Old English period to the nineteenth century. Primarily for candidates for the Master's degree. I, II; (1 unit).  
Assistant Professor RINAKER

[110. OLD ENGLISH (ANGLO-SAXON) POETRY.—I; (1 unit). Not given in 1923-24.  
Professor DODGE]

[114. DEVELOPMENT OF THE ESSAY.—I, II; (1 unit). Not given in 1923-24.  
Associate Professor ZEITLIN]

120. HISTORY AND PRINCIPLES OF LITERARY CRITICISM.—Critical standards from Aristotle to Sainte-Beuve. Types of criticism. I, II; (1 unit).  
Assistant Professor BUNDY

128. LITERATURE OF THE SIXTEENTH CENTURY.—Persistence of medieval traditions reinforced by the revival of classical learning; Catholicism and Calvinism as sources of literary inspiration. I, II; (1 unit).  
Associate Professor JONES

129. ENGLISH LITERATURE FROM THE NORMAN CONQUEST TO CHAUCER.—II; (1 unit).  
Associate Professor JONES

130. TRAGEDY.—I, II; (1 unit).  
Assistant Professor HILLEBRAND

[135. PROBLEMS IN AMERICAN LITERATURE.—I, II; (1 unit). Not given in 1923-24.  
Professor PAUL]

[136. THE TRANSITION FROM THE SEVENTEENTH TO THE EIGHTEENTH CENTURY, 1675-1725.—The rise of Classicism. I, II; (1 unit). Not given in 1923-24.  
Professor PAUL]

137. PROSE WRITERS OF THE NINETEENTH CENTURY.—Relation of literature to social forces: Mill, Carlyle, Newman, Ruskin, Arnold, Pater, and others. I, II; (1 unit).  
Professor SHERMAN

[138. THE ROMANTIC MOVEMENT IN ENGLAND.—I, II; (1 unit). Not given in 1923-24.  
Professor SHERMAN]

[139. THE SONNET REVIVAL IN THE EIGHTEENTH CENTURY.—I; (1 unit). Not given in 1923-24.  
Assistant Professor RINAKER]

[140. INVESTIGATION IN MODERN ENGLISH LITERATURE.—Not given in 1923-24. I, II; (1 to 3 units).  
Professor BERNBAUM]

[141. HISTORY OF SEVENTEENTH CENTURY ENGLISH LITERATURE TO 1675, BEGINNING WITH SHAKESPEARE'S SONNETS.—I, II; (1 unit). Not given in 1923-24.  
Professor BERNBAUM]

[143. ORIGIN OF THE ENGLISH NOVEL, AND ITS HISTORY TO THE END OF THE EIGHTEENTH CENTURY.—I, II; (1 unit).  
Professor BERNBAUM]

144. LINCOLN'S LETTERS AND SPEECHES.—Development of style, relation to period, textual study, contemporary estimates. II; (1 unit).  
Professor DODGE

155. BEGINNINGS OF AMERICAN FICTION.—American fiction from Irving to Mrs. Stowe and the mid-century romance. I, II; (1 unit).  
Professor PATTEE

## SUMMER SESSION COURSES

## COURSES FOR UNDERGRADUATES

S2a.<sup>1</sup> HISTORICAL SURVEY OF ENGLISH LITERATURE.—First part of the nineteenth century. Wordsworth, Coleridge, Lamb, Scott, Jane Austen, Byron, Shelley, Keats, Macaulay, Carlyle, etc. (2).  
Dr. TUPPER

*Prerequisite:* One year of college work or the equivalent.

*Equivalent:* First half of English 2. (Together with S2b this course covers the work of English 2. To be credited as equivalent to English 2, S2a and S2b must be taken simultaneously).

<sup>1</sup>S2a with S2b may be counted for credit without S1a and S1b.

S2b.<sup>1</sup> HISTORICAL SURVEY OF ENGLISH LITERATURE.—Second part of the nineteenth century. Tennyson, Browning, Arnold, Swineburn, Morris, Dickens, Thackeray, Eliot, Hardy, Stevenson, etc. (2). Dr. TUPPER

*Prerequisite:* One year of college work or the equivalent.

*Equivalent:* Second half of English 2. (To be credited as equivalent to English 2, S2b and S2a must be taken simultaneously).

S13. AMERICAN LITERATURE.—Whittier, Holmes, Lowell, Whitman, Lanier, Mark Twain. (2). Professor PAUL, Dr. LEISY

*Prerequisite:* English 1-2, or 10-11, or junior standing.

*Equivalent:* English 13. (Taken in the Summer Session, this course may be counted without English 12).

S26. SPENSER.—(2½).

Associate Professor JONES

*Prerequisite:* Junior standing; 10 hours of English literature; or consent of the instructor.

*Equivalent:* English 26 (in part).

S41. THE TEACHING OF ENGLISH LITERATURE IN THE SECONDARY SCHOOL.—Outlining of the curriculum; methods of present typical books; supplementary reading. (2). Professor PAUL

S44. CONTEMPORARY POETRY.—(2½).

Dr. WEIRICK

*Prerequisite:* 10 hours of English literature or junior standing.

*Equivalent:* English 44 (in part).

S52. GREAT NOVELISTS OF THE NINETEENTH CENTURY.

Professor BERNBAUM, Dr. LEISY

*Prerequisite:* Junior standing and 10 hours of English literature or the consent of the instructor.

*Equivalent:* English 52 (in part).

#### COURSES FOR GRADUATES

S101. RESEARCH IN SPECIAL PERIODS.—Individual conferences arranged with graduate students engaged in definite investigation. (1 unit).

Professor BERNBAUM, Associate Professor JONES, Associate Professor WOOLBERT

S129. ENGLISH LITERATURE FROM THE NORMAN CONQUEST TO CHAUCER.—(1 unit).

Associate Professor JONES

S141. SEVENTEENTH CENTURY POETRY.—(1 unit).

Professor BERNBAUM

### B. RHETORIC

#### COURSES FOR UNDERGRADUATES

0. PREPARATORY COMPOSITION.—For students who do not pass the preliminary test in Rhetoric 1. Spelling, grammar, punctuation, sentence structure. I or II; (no credit).

Professor SCOTT (in charge); Miss McANALLY, Mrs. RINGLAND, Miss PRATHER, Mrs. RAPP.

1-2. RHETORIC AND THEMES.—Required for students in the colleges of Liberal Arts and Sciences, Commerce, Engineering, and Agriculture. The course is not counted toward a major in English. I, II; (3).

Professor SCOTT (in charge); Assistant Professor RINAKER, Dr. WEIRICK, Dr. KELSO, Dr. CAMPBELL, Mr. COLBY, Dr. LANDIS, Dr. SECORD, Miss BUSWELL, Mrs. RINGLAND, Miss FLETCHER, Miss BARBER, Miss KELLEY, Mr. OESTERLING, Miss McANALLY, Miss FULLENWIDER, Miss RAND, Mr. RILEY, Mr. NELSON, Mrs. McMINN, Mrs. CARLSON, Miss PRATHER, Miss MYERS, Mr. SINCLAIR, Miss TRIPP, Miss SEYMOUR, Miss PIERCY, Miss HILL, Miss WAPLES, Mr. GLENN, Miss VROOMAN, Miss SOLLENBERGER, Mr. POWELL, Mr. BENTLEY, Mr. PRATT, Mr. HEIDLER, Miss BLEVINS, Miss FRENCH, Miss STIDHAM

3a. EXPOSITION.—I or II; (3).

Assistant Professors HILLEBRAND, BUNDY; Dr. LANDIS, Miss KYLE

*Prerequisite:* Rhetoric 1-2.

<sup>1</sup>S2a with S2b may be counted for credit without S1a and S1b.

3d. DESCRIPTION AND SIMPLE NARRATIVE.—II; (3).

Miss KYLE, Mr. COLBY

*Prerequisite:* Rhetoric 1-2.

6-7. NARRATIVE COMPOSITION.—Practice in short story writing. (Intended for those who have some aptitude for literary work.) I, II; (3).

Dr. WEIRICK

*Prerequisite:* Two years of college work and consent of the instructor.

10. BUSINESS LETTER WRITING.—(Not counted toward a major in English). I or II; (2).

Mrs. SAUNDERS, Mr. DOLCH, Mr. CLIPPINGER, Mr. DIFFENBAUGH, Mr. SWENEY, Mr. OESTERLING.

*Prerequisite:* Rhetoric 1-2.

21. ADVANCED BUSINESS WRITING.—Sales letters; circulars; bulletins; periodical articles; reports. I or II; (2).

Mrs. SAUNDERS

*Prerequisite:* Rhetoric 10.

[22. SUMMARIZING AND BRIEFING.—(For students in the College of Commerce and Business Administration.) II; (2). Not given in 1923-24.

Mrs. SAUNDERS]

#### COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

17. ADVANCED COMPOSITION.—Structure; criticism; periodical literature; reports and magazine articles. I; (3).

Assistant Professor BOYER

*Prerequisite:* Two years of college work; consent of the instructor.

46. DRAMATIC COMPOSITION.—Theory and practice. II; (3).

Assistant Professor HILLEBRAND

*Prerequisite:* Junior standing; the consent of the instructor.

#### SUMMER SESSION COURSES

##### COURSES FOR UNDERGRADUATES

S1. RHETORIC AND THEMES.—(3).

Mr. OESTERLING, Mr. NELSON

*Prerequisite:* Entrance credit in English.

*Equivalent:* Rhetoric 1.

S2. RHETORIC AND THEMES.—(3).

Mr. BRADY

*Prerequisite:* Rhetoric 1.

*Equivalent:* Rhetoric 2.

S3. EXPOSITION.—(3).

Dr. WEIRICK

*Prerequisite:* Rhetoric 1-2.

*Equivalent:* Rhetoric 3.

S10. BUSINESS WRITING.—(2).

Mr. CLIPPINGER, Mr. DAVIS

*Prerequisite:* Rhetoric 1-2.

*Equivalent:* Rhetoric 10.

#### C. JOURNALISM

1. COLLECTING AND WRITING NEWS.—Gathering news; writing the news-story; types of newspaper narratives; news values. Laboratory; lectures. I; (5).

Mr. DAVIS, Mr. KARTMAN

2. COLLECTING AND WRITING NEWS.—(A continuation of Journalism 1.) Reporting, interviewing, correspondence; organization and mechanical details of the newspaper; press associations. Practice in newspaper writing. Laboratory; lectures. II; (5).

Mr. DAVIS, Mr. KARTMAN

*Prerequisite:* Journalism 1.

21-22. COLLECTING AND WRITING NEWS.—(For students in athletic coaching.) I, II; (3).

Mr. WATSON

*Prerequisite:* Rhetoric 1-2.

3. COPY-READING AND HEAD-WRITING.—Four hours' work on the desk and two class meetings a week. I; (2). Mr. WATSON

*Prerequisite:* Journalism 1 and 2, or equivalent experience.

4. MAKE-UP AND EDITORIAL PRACTICE.—Proof reading; correspondence, lay-outs, and art work; type selection, making-up, and editorial supervision. Four hours' work on the desk and two class meetings a week. II; (2). Mr. WATSON

*Prerequisite:* Journalism 1, 2, and 3, or consent of the instructor.

7. MAKING A COUNTRY NEWSPAPER.—For students interested in the publication of country weeklies and small city dailies. Special investigations. I; (2). Mr. WATSON

*Prerequisite:* Junior standing.

8. AGRICULTURAL NEWS WRITING.—Farm journal analysis; lectures; assignments. II; (3). Miss RAND

*Prerequisite:* Junior standing.

12. PUBLICITY METHODS.—I; (2). Mr. WRIGHT

*Prerequisite:* Junior standing.

#### COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

9-10. EDITORIALS AND THE EDITORIAL PAGE.—I, II; (2). Professor SCOTT

*Prerequisite:* Junior standing.

15-16. SPECIAL AND FEATURE ARTICLES.—I, II; (2). Professor SCOTT

*Prerequisite:* Junior standing.

17-18. HISTORY AND PRINCIPLES OF AMERICAN JOURNALISM.—I, II; (2). Professor SCOTT

*Prerequisite:* Junior standing.

32. LAWS AFFECTING THE PRESS.—I; (2). Professor HARNO

#### SUMMER SESSION COURSE

S1. COLLECTING AND WRITING NEWS. Mr. DAVIS

*Prerequisite:* Rhetoric 1-2.

*Equivalent:* Journalism 1.

#### D. PUBLIC SPEAKING

1. ORAL EXPRESSION.—Oral expression for public and private address. I or II; (2) Associate Professor WOOLBERT, Mr. TROUTMAN, Miss NELSON, Miss SERGEANT, Mr. GRAY, Mr. MIKESELL, Mr. CHADWELL.

*Prerequisite:* Rhetoric 1-2. Credit is not given for this course unless it is followed by Public Speaking 2 or 8.

2. EXTEMPORANEOUS SPEAKING.—Organization of original materials, composition for public speaking; adaptation of speaking manner to subject matter; discussion of topics of current interest. I or II; (2).

Associate Professor WOOLBERT, Miss NELSON, Miss SERGEANT, Mr. GRAY, Mr. MIKESELL, Mr. CHADWELL.

*Prerequisite:* Public Speaking 1.

10. INTERPRETATION.—Oral interpretation of literature. I or II; (2). Associate Professor WOOLBERT, Mr. TROUTMAN, Miss NELSON, Miss SERGEANT, Mr. GRAY

*Prerequisite:* Public Speaking 1.

3. ARGUMENTATION.—Meeting the contentions of an opponent; analytical and constructive thinking; briefing; speech-writing; detection of fallacies. Text and exercises. I; (3). Mr. MIKESELL

*Prerequisite:* Public Speaking 1 and 2.

4. DEBATE.—Political and intercollegiate discussions; team competition, adaptation of argument to audience; popular debate. Practice debates before audiences. II; (3). Mr. MIKESELL

*Prerequisite:* Public Speaking 3.

## COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

5. PERSUASION.—Winning of individuals and audiences by means of written and spoken appeal. I; (3). Associate Professor WOOLBERT

*Prerequisite:* Public Speaking 1 and 2; junior standing.

6. FORMS OF PUBLIC ADDRESS.—Composition and delivery of legislative, political, commemorative, dedicatory, inaugural, and academic addresses. II; (3). Associate Professor WOOLBERT

*Prerequisite:* Public Speaking 5; junior standing.

7. A STUDY OF ORATORS AND ORATORY.—Readings and reports, chiefly oral; discussions, topical speeches, and declamations. II; (2). Mr. GRAY

*Prerequisite:* Public Speaking 1 and 2 or 1 and 10; junior standing.

8. DRAMATIZATION.—Impersonation and dramatic presentation. I; (3).

Mr. TROUTMAN

*Prerequisite:* Public Speaking 10; junior standing.

11. PLAY PRODUCING.—The arts of the theatre and of staging plays. I; (3).

Mr. TROUTMAN

*Prerequisite:* Public Speaking 8; junior standing.

12. PROBLEMS IN THE TEACHING OF SPEECH.—Organization of courses; methods; coaching debate; oratory, theatricals; standards of criticism. II; (2). Associate Professor WOOLBERT

*Prerequisite:* Junior standing; consent of the instructor.

14. CORRECTION OF SPEECH DEFECTS.—I; (2).

Mr. GRAY

*Prerequisite:* Psychology 1; junior standing.

## COURSES FOR GRADUATES

103. THE PLACE OF SPEECH IN HUMAN BEHAVIOR.—I, II; ( $\frac{1}{2}$  unit).

Associate Professor WOOLBERT

## SUMMER SESSION COURSES

S1. ORAL EXPRESSION.—(2). Associate Professor WOOLBERT, Miss SERGEANT

*Prerequisite:* Rhetoric 1 and 2 or equivalent.

*Equivalent:* Public Speaking 1. (Credit is not given for this course unless it is followed by Public Speaking 2, 10, or their equivalent.)

S10. INTERPRETATION.—(2).

Miss SERGEANT

*Prerequisite:* Public Speaking 1 or equivalent.

*Equivalent:* Public Speaking 10.

## COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

S8. DRAMATIZATION.—(2). Associate Professor WOOLBERT, Miss SERGEANT

*Prerequisite:* Public Speaking 10 or equivalent; junior standing.

(2). S12. PROBLEMS IN THE TEACHING OF SPEECH.—Primarily for high-school teachers. Associate Professor WOOLBERT

*Prerequisite:* The consent of the instructor.

*Equivalent:* Public Speaking 12.

## F. SCANDINAVIAN LANGUAGES AND LITERATURE

## UNDERGRADUATE COURSES NOT OPEN TO FRESHMEN

1a-1b. ELEMENTARY NORWEGIAN.—Grammar; conversation; composition; reading of Bjornson's stories. I, II; (3). Professor FLOM

[2a-2b. ELEMENTARY SWEDISH.—I, II; (2). Not given in 1923-24.

Professor FLOM]

[3a-3b. INTERMEDIATE NORWEGIAN.—I, II; (2). Not given in 1923-24.

*Prerequisite:* Scandinavian 1 or the equivalent.

Professor FLOM]

4a-4b. INTERMEDIATE SWEDISH.—Reading of selected works of present-day Swedish writers; lectures. I, II; (2).

*Prerequisite:* Scandinavian 2 or the equivalent.

Professor FLOM]

6. HENRIK IBSEN.—Three of the social dramas; parallel reading of three early and three of the later dramas. Archer's translation is used. II; (2).

*Prerequisite:* Junior standing.

Professor FLOM]

12. NORSE MYTHOLOGY.—Primitive religion; religious belief of Norsemen in pre-Christian times; myths; beginnings of literature. I; (3).

Professor FLOM]

[16. SCANDINAVIAN CIVILIZATION FROM THE STONE AGE TO 1000 A. D.—II; (2). Not given in 1923-24.

*Prerequisite:* Junior standing.

Professor FLOM]

[14. HISTORY OF OLD NORSE LITERATURE.—I; (2). Not given in 1923-24.

*Prerequisite:* Junior standing and Scandinavian 12 or English 8 or German 27a].

Professor FLOM]

#### COURSES FOR GRADUATES

Preparation for graduate work in the Scandinavian languages or literature must include a reading knowledge of one of the Scandinavian languages and systematic work in the undergraduate courses in Scandinavian or their equivalent. Any graduate student in language may, however, be admitted to the purely philological courses.

101. OLD NORSE.—Introduction to the language as a member of the Germanic group. Reading of the *Prose Edda* in part. I, II; (1 unit).

Professor FLOM]

[110. ADVANCED OLD NORSE.—I, II; (1 unit). Not given in 1923-24.

Professor FLOM]

[150. RESEARCH.—I, II; ( $1\frac{1}{2}$  to 1 unit). Not given in 1923-24.

Professor FLOM]

#### ENTOMOLOGY

Professors METCALF, MACGILLIVRAY; Assistant Professor BALDUF; Dr. GLASGOW, Mr. PARK, Mr. KING, Mr. COLMAN, Mr. DECOURSEY.

MAJOR: 20 hours from courses offered in the department, except Entomology 1, 2, 31, and 32.

MINORS: 20 hours in not more than three of the following: zoology, botany, physiology, chemistry, horticulture, and agronomy.

Beginning courses open to freshmen and without prerequisite are 1 and 31. Course 1, while complete in itself, is closely correlated with 2 to form a unified year's work; and 1 and 2 together are prerequisite for all other courses in the department, except 31 and 32. These introductory courses may be followed by any of the other courses for undergraduates or by 20 or 21 in the senior year. Students preparing for service as economic entomologists should consult the suggested curriculum in economic entomology on page 98.

1. INTRODUCTORY ENTOMOLOGY.—Habits, life-histories, structure, physiology, and classification of insects. The recognition and control of important pests.

(Certain laboratory periods will be used for field trips at students' expense for transportation.) Preparation of an insect collection required; those desiring to collect specimens in advance should get printed instructions from the department. I or II; (3).

Professor METCALF, Assistant Professor BALDUF, Dr. GLASGOW, Mr. PARK, and assistants

2. GENERAL ENTOMOLOGY.—Morphology, development, behavior, habitats, adaptations, and interrelations of insects. Characters of orders, families, and species. I or II; (3).

*Prerequisite:* Entomology 1.

3. SYSTEMATIC ENTOMOLOGY.—Modern taxonomy; classification; nomenclature; the bibliographies, indexes, and literature of systematic entomology. Practice in making collections. Lectures; laboratory. I; (5).

*Prerequisite:* Entomology 1 and 2.

Assistant Professor BALDUF]

7a-7b. **INSECT MORPHOLOGY.**—Comparative morphology; derivation of types of structures; terminology and identification of parts. I, II; (3). Professor MACGILLIVRAY  
*Prerequisite:* Entomology 1 and 2.

8a-8b. **PESTS OF SPECIAL GROUPS.**—For students of biology, agriculture, and home economics. Field; laboratory; and reference work; discussions. I, II; (3).  
 Professor METCALF, Assistant Professor BALDUF, Dr. GLASGOW

*Prerequisite:* Entomology 1 and 2.

[14. **MEDICAL AND VETERINARY ENTOMOLOGY.**—Lectures; demonstrations; reading; laboratory; field studies. I; (4). Not given 1923-24. Dr. GLASGOW  
*Prerequisite:* Entomology 1, 2.]

22. **ENTOMOTAXY.**—Methods and technic useful in entomological study and research. (For students expecting to major in entomology, and prospective teachers of biology.) II; (5). Dr. GLASGOW  
*Prerequisite:* Entomology 1, 2.

31. **ESSENTIALS OF BEEKEEPING.**—The honey bee; the colony, principles and problems; production and marketing of products. Lectures; laboratory; and practice in beekeeping. I or II; (2). Mr. PARK

32a-32b. **APIARY MANAGEMENT.**—Either semester's work may be taken separately. I, II; (2). Mr. PARK  
*Prerequisite:* Entomology 31.

#### COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

6. **SPECIAL PROBLEMS.**—Open to seniors ready to take up some special investigation which may be completed as an undergraduate study, or be a beginning of a thesis problem for an advanced degree. I or II; (2 to 5). Members of the Department  
*Prerequisite:* Entomology 1, 2, and any one of the following: Entomology 3, 7, 8, 10, 11, 14, 17, 20, 21, 22, or 31; senior standing.

10a-10b. **TAXONOMY OF IMMATURE INSECTS.**—External anatomy of nymphs, larvae, and pupae; terminology of parts; identification of specimens. I, II; (3).  
 Professor MACGILLIVRAY

*Prerequisite:* Entomology 7; senior standing.

[11a-11b. **CLASSIFICATION OF COCCIDAE.**—I, II; (3). Not given in 1923-24.  
 Professor MACGILLIVRAY

*Prerequisite:* Entomology 7; senior standing.]

17a-17b. **INSECT MORPHOLOGY AND ORGANOGENY.**—Systems of organs of immature and adult insects. I, lectures; II, laboratory; (3). Given in 1923-24 and alternate years. Professor MACGILLIVRAY  
*Prerequisite:* Entomology 1 and 2; senior standing.

20. **INSECT CONTROL.**—Control measures and principles. (Intended to anticipate the requirements and difficulties encountered in practical agricultural, entomological, and horticultural work.) I; (4). Professor METCALF, Assistant Professor BALDUF  
*Prerequisite:* Entomology 1 and 2; senior standing.

21. **INSECT BIONOMICS.**—(For the advanced student of entomology or general biology.) The biology and ecology of insects. Lectures; readings. II; (3). Professor METCALF  
*Prerequisite:* Entomology 1 and 2; senior standing.

#### COURSES FOR GRADUATES

The prerequisite for graduate work in entomology is two years of undergraduate biology including zoology. Entrance on major work in entomology requires Entomology 1 and 2, or equivalent.

102. **RESEARCH IN THE MORPHOLOGY AND EMBRYOLOGY OF INSECTS.**—I, II; (1 or 2 units). Professor MACGILLIVRAY

107. **INSECT ANATOMY.**—I, II; ( $\frac{1}{2}$  unit). Professor MACGILLIVRAY

108. RESEARCH IN ECONOMIC ENTOMOLOGY.—I, II; (1 or 2 units).  
Professor METCALF, Assistant Professor BALDUF
109. RESEARCH IN SYSTEMATIC ENTOMOLOGY.—I, II; (1 or 2 units).  
Professor MACGILLIVRAY
110. RESEARCH IN THE BIOLOGY AND ECOLOGY OF INSECTS.—I, II; (1 or 2 units).  
Professor METCALF, Assistant Professor BALDUF

# SUMMER SESSION COURSES

## COURSE FOR UNDERGRADUATES

- S1. INTRODUCTORY ENTOMOLOGY.—Structure, habits, life-histories, classification, and control of insects. Lectures; laboratory; field work. (3).  
Professor METCALF

## COURSE FOR ADVANCED UNDERGRADUATES AND GRADUATES

- S6. SPECIAL PROBLEMS.—Classification, biology, or special groups of pests. (2 or 3).  
Professor METCALF

## COURSE FOR GRADUATES

- S108. RESEARCH IN ENTOMOLOGY.—Accepted for credit toward a master's or doctor's degree. (1 or 2 units).  
Professor METCALF

## FARM MECHANICS

Professor LEHMANN; Assistant Professor SHAWL; Mr. YOUNG, Mr. BLAUSER, Mr. KELLEHER.

## COURSES FOR UNDERGRADUATES

1. ELEMENTARY FARM MECHANICS.—Basic principles of mechanics, heat, and electricity as applied to the farmer's problems. Lectures; recitations; laboratory. I or II; (3).  
Mr. YOUNG, Mr. BLAUSER, Mr. KELLEHER  
*Prerequisite:* 30 hours of university work.
2. FIELD AND POWER MACHINERY.—Machines for soil, seed, and feed preparation, seeding, cultivating, and harvesting. Lectures; recitations; laboratory. I; (3).  
Assistant Professor SHAWL, Mr. BLAUSER  
*Prerequisite:* Farm Mechanics 1.
3. GAS ENGINES AND TRACTORS.—Lectures; quizzes; laboratory. II; (3). An inspection trip costing about \$20 is required.  
Assistant Professor SHAWL  
*Prerequisite:* Farm Mechanics 1.
4. FARM BUILDINGS.—Materials, construction, arrangement, design, and cost estimation. Lectures; recitations; drafting. II; (3).  
Professor LEHMANN  
*Prerequisite:* Farm Mechanics 1.
5. DRAINAGE.—Surveying; chaining, mapping, leveling, designing, setting grade stakes, laying tile. Lectures; field work; drafting. I; (3).  
Professor LEHMANN  
*Prerequisite:* 30 hours of university work.
11. DAIRY MACHINERY AND EQUIPMENT.—Pumps; power and power transmission; refrigeration; water supply; scales, and conveyors. II; (2).  
Mr. YOUNG  
*Prerequisite:* Farm Mechanics 1.
12. FARM HOME EQUIPMENT.—For students in Agriculture and Home Economics. Equipment and machinery for the farm home. II; (2).  
Professor LEHMANN  
*Prerequisite:* Farm Mechanics 1 or 60 hours of university work.
17. HARVESTING MACHINERY.—Advanced work in grain, hay, pea, and soy bean harvesting. II; (3).  
Mr. BLAUSER  
*Prerequisite:* Farm Mechanics 2.



18a and 18b. INVESTIGATION WITH THESIS.—Credit is not given for either semester separately. I, II; (5). Professor LEHMANN, Assistant Professor SHAWL

*Prerequisite:* 90 hours of university work, including not less than 20 hours pertinent to the thesis problem, and approval of the head of the department.

20. FARM CONCRETE CONSTRUCTION.—Materials; mixing and placing; tests; specifications and estimates. Recitations; laboratory. I; (2). Mr. KELLEHER

*Prerequisite:* Farm Mechanics 1.

28. ADVANCED GAS ENGINES AND TRACTORS.—Construction; ignition troubles; assembly; draw bar and belt H. P. ratings. Lectures; laboratory. I; (3).

Assistant Professor SHAWL

*Prerequisite:* Farm Mechanics 2, 3, and the consent of the instructor.

#### COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

51. SPECIAL POWER AND FIELD MACHINERY.—Each student chooses a special problem for laboratory or field work with special library research. Lecture; laboratory. II; (3).

Professor LEHMANN, Assistant Professor SHAWL

*Prerequisite:* Farm Mechanics 17 and 28, and the consent of the instructor.

### FARM ORGANIZATION AND MANAGEMENT

Assistant Professors CASE, RAUCHENSTEIN; Mr. BONNEN, Mr. ROSS

#### COURSES FOR UNDERGRADUATES

1. ELEMENTARY FARM MANAGEMENT.—Factors of production; types of farming; organization; administration or operation. Lectures; quiz. Field trips required. The class will visit some of the farms included in the cost accounting investigations carried on by the department. Estimated cost, \$5. II; (3).

Assistant Professors CASE, RAUCHENSTEIN; Mr. BONNEN, Mr. ROSS

*Prerequisite:* Economics 1 and 60 hours of university work. It is desirable that the student have credit or be registered in Agronomy 12, and have at least 6 hours in Animal Husbandry 1b, 2b, 4b, or 11b.

10a-10b. INVESTIGATION WITH THESIS.—Farm Operation. I, II; (5).

Assistant Professor RAUCHENSTEIN

10c-10d. INVESTIGATION WITH THESIS.—Farm Organization. I, II; (5).

Assistant Professor CASE

10e-10f. INVESTIGATION WITH THESIS.—Land Tenure. I, II; (5).

Assistant Professor CASE

*Prerequisite:* 90 hours of university work, including not less than 20 hours pertinent to the thesis problem; approval of the head of the department. Credit is not given for either semester separately.

#### COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

4. FARM OPERATION.—Efficiency; labor and power requirements; standard day's work; labor calendars; systems of production. Trips required, similar to those for course I. Estimated cost, \$5 a student. I; (2).

Assistant Professor RAUCHENSTEIN

*Prerequisite:* Farm Management 1.

5. FARM ORGANIZATION.—Economic organization of types of farming. Field trips to study organization and replanning of certain farms. Estimated expense, \$5 a student. II; (3).

Assistant Professors CASE, RAUCHENSTEIN

*Prerequisite:* Farm Management 1.

6. LAND TENURE.—Foreign ownership and tenancy; tenure problems of the United States; leases; the opportunity of tenants to become landowners. I; (2).

Assistant Professor CASE

*Prerequisite:* Economics 1 or 2; 90 hours of university credit.

## FINE ARTS

(See ART AND DESIGN and MUSIC. Attention is also called to the courses in ESTHETICS offered by the departments of PHILOSOPHY, EDUCATION, ARCHITECTURE, and HOME ECONOMICS).

## FLORICULTURE

(See HORTICULTURE.)

## FRENCH

(See ROMANCE LANGUAGES and LITERATURE.)

## GENERAL ENGINEERING DRAWING

(See DRAWING, GENERAL ENGINEERING.)

## GEOLOGY

Professors BAYLEY, SAVAGE; Associate Professor QUIRKE (Chairman); Assistant Professors STANSFIELD, BLANCHARD, BEVAN; Dr. SHEPARD, Dr. WANLESS, Miss ASHTON, Mr. YEATON, Mr. COX, Mr. JOHNSON, Mr. WILKERSON, Mr. BASSETT, Miss ERNEST, Mr. MILTON, Mr. POOR.

## A. GENERAL GEOLOGY

MAJOR: Geology 1 followed by 20 hours of courses that have prerequisites in geology.

MINORS: 20 hours selected from courses in any one or two of the following departments: astronomy, botany, chemistry, physics, and zoology, after consultation with the department of geology.

For the convenience of underclassmen in the College of Liberal Arts and Sciences who elect the minimum amount of major work in geology the following sequence of courses is suggested: first year, 1 and 1a; second year, 47, 9, 48, 16, and 19; third year, 23. For those who plan to become professional geologists the following courses should be added: 6, 7, 15, 95, and 96.

## COURSES FOR UNDERGRADUATES

1. GENERAL GEOLOGY.—Surface features; agencies and processes of change; evolution of topographic forms; meteorology and oceanography; rocks and minerals. Lectures; laboratory; quiz; one field trip. (Students who have had Geography 1 will receive only three hours' credit.) I or II; (5).

Professor SAVAGE; Associate Professor QUIRKE; Assistant Professors STANSFIELD, BEVAN; Mr. YEATON, Dr. SHEPARD, Mr. BASSETT, Mr. WILKERSON.

1a. HISTORICAL GEOLOGY.—Evolution of the earth and its life. Lectures; laboratory (continuing course 1). I or II; (3). Assistant Professor BEVAN, Mr. POOR

Prerequisite: Geology 1.

20. GENERAL MINERALOGY.—Minerals of economic and scientific importance; blow-pipe analysis. (Restricted to mining and chemistry students.) Quiz; laboratory. I or II; (3). Mr. YEATON, Mr. WILKERSON

Prerequisite: Chemistry 1 and 2a or equivalent.

19. FIELD WORK.—Mapping of an area in the Oregon district of Illinois during the week following the Easter recess, credit being given only on completion of a satisfactory written report. Expense about \$35. II; (2). Dr. SHEPARD

Prerequisite: Geology 1a.

92. MINERAL RESOURCES.—II; (2).

Assistant Professor STANSFIELD

Prerequisite: Geology 1 or Geography 1.

43. ENGINEERING GEOLOGY.—Discussions; laboratory. II; (3).

Associate Professor QUIRKE, Mr. POOR  
Prerequisite: Sophomore standing in the College of Engineering.

44. AGRICULTURAL GEOLOGY.—Quiz; laboratory; one field trip. I or II; (3).

Associate Professor QUIRKE, Dr. WANLESS, Mr. WILKERSON  
Prerequisite: Sophomore standing in the College of Agriculture.

#### COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

9. INVERTEBRATE PALEONTOLOGY.—Fossil groups in biological sequence. Lectures; laboratory. I; (3). Professor SAVAGE

Prerequisite: Geology 1a.

16. STRATIGRAPHY.—Fossil faunas, with special reference to Paleozoic invertebrates; correlation and stratigraphy. II; (3). Professor SAVAGE

Prerequisite: Geology 9.

47. SYSTEMATIC MINERALOGY.—Identification of common minerals (mainly nonsilicates). Crystallography; classification. Lectures; laboratory. I; (3).

Professor BAYLEY, Mr. MILTON  
Prerequisite: Chemistry 1 and 2 or equivalent and, except for mining and chemistry students, Geology 1a.

48. SILICATE MINERALS AND ROCK STUDY.—(A continuation of 47.) Quiz; laboratory. II; (5). Professor BAYLEY, Mr. MILTON

Prerequisite: Geology 47.

[6. OPTICAL MINERALOGY.—Lectures; laboratory. I; (3). Not given in 1923-24.

Professor BAYLEY

Prerequisite: Geology 48.]

[7. PETROGRAPHY.—II; (3). Not given in 1923-24.

Professor BAYLEY

Prerequisite: Geology 6.]

[23. PHYSIOGRAPHY OF THE UNITED STATES.—Lectures; discussions; reference reading; mapwork. II; (3). Not given in 1923-24.

Prerequisite: Geology 1, 1a.]

95. ECONOMIC GEOLOGY.—Nature, occurrence, origin, and uses of coal, oil, building stones, and bedded deposits of economic importance. Lectures; quizzes; laboratory. I; (3). Professor BAYLEY

Prerequisite: Geology 1a or 43 and 20 or 48.

96. ECONOMIC GEOLOGY.—Nature, occurrence, and origin of metaliferous deposits; theories of ore deposition. II; (3). Professor BAYLEY

Prerequisite: Geology 1a or 43 and 20 or 48.

15. STRUCTURAL AND METAMORPHIC GEOLOGY.—Rock deformation and its results. Lectures; laboratory. I; (3). Dr. SHEPARD

Prerequisite: Geology 48, 19; senior standing.

[60a-60b. THESIS.—I, II; (2). Not given in 1923-24.

Professor SAVAGE]

#### COURSES FOR GRADUATES

For graduate work in geology the student must have a thoro training in the principles of the science (except in unusual cases, which will be decided on their merits); at least 20 hours of geology and two or more weeks of field experience will be required. Graduate students with adequate technical preparation in other sciences may be admitted to graduate courses in certain subjects, such as crystallography. Courses 6, 7, 15, 47, 48, 9, 16, 60, 23 may be offered as graduate work by students who have other credits for at least 20 hours of geology.

101. ADVANCED CRYSTALLOGRAPHY.—Measuring, projecting, and calculating crystal forms; physical properties of crystallized bodies. I, II; (1 unit). Professor BAYLEY

102. IGNEOUS PETROGRAPHY.—The igneous rocks; identification of types, classification, and relationships. Lectures; laboratory. II; (1 unit). Professor BAYLEY

108. ORE DEPOSITION.—I, II; (1 unit).

Professor BAYLEY

142. STRATIGRAPHIC PALEONTOLOGY.—Invertebrate index fossils of the successive geologic formations. I, II; (1 unit). Professor SAVAGE
- [151. ADVANCED DYNAMIC GEOLOGY.—I; (1 unit). Not given in 1923-24. Assistant Professor STANSFIELD]
- [152. ADVANCED HISTORICAL GEOLOGY.—II; (1 unit). Not given in 1923-24. Professors BAYLEY, SAVAGE; Associate Professor QUIRKE, Assistant Professor STANSFIELD]
135. RESEARCH.—Individual work under supervision of members of the staff in their respective fields. I, II; ( $\frac{1}{2}$  to 4 units). Professors BAYLEY, SAVAGE; Associate Professor QUIRKE
136. SEMINAR.—Topics in the Earth sciences; formal presentation. I, II; (1 unit a semester). Members of the Department, Associate Professor QUIRKE in charge

## B. GEOGRAPHY

MAJOR: Geography 1 or Geology 1 followed by 20 hours of courses that have prerequisites in geography except that Geography 14 may be included.

MINORS: 20 hours selected from not more than three of the following subjects; economics, education, history, zoology, and botany.

For students whose major is in geography, the following sequences are recommended:

a) Geography 1, 3, 4, 7, 14, 12, 5, and 8 or 53; or (b) Geology 1, Geography 3, 4, 7, 14, 5, and 8 or 53.

### COURSES FOR UNDERGRADUATES

1. PRINCIPLES OF GEOGRAPHY.—Lectures; quiz; laboratory; field trips. (Students who have had Geology 1 will receive only three hours' credit). (5). Miss ASHTON
3. INDUSTRIAL AND COMMERCIAL GEOGRAPHY.—Discussions; laboratory. I or II; (5). Assistant Professor BLANCHARD, Mr. COX
- Prerequisite:* Geography I or Geology I.
4. GEOGRAPHY OF NORTH AMERICA.—Lectures; reading; map study. I or II; (5). Miss ASHTON
- Prerequisite:* Geography 1 or 3.
7. FIELD GEOGRAPHY.—(Women admitted only in even numbered years). Influence of topography, drainage, regional location, and natural resources on the economic development of areas. The field for study in 1924 includes parts of LaSalle region, Illinois. Week after Easter vacation. Estimated expenses, \$35. II; (3). Mr. COX
- Prerequisite:* Geography 1 or 3.
9. THE TEACHING OF GEOGRAPHY IN SECONDARY SCHOOLS.—Selection, organization, and presentation of geographic material in teaching. I; (2). Miss ASHTON
- Prerequisite:* Geography 1, 3 and 4 or 5 or 8.
12. GEOGRAPHIC FACTORS IN THE HISTORY OF THE UNITED STATES.—II; (3). Miss ASHTON
- Prerequisite:* Geography 4; History 3a and 3b; junior standing; or the consent of the instructor.
14. WEATHER AND CLIMATE.—The atmosphere and its processes; weather and forecasting; causes and distribution of climates. II; (3). Mr. JOHNSON

### COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

5. SOUTH AMERICA.—World relations; influence of climate, drainage, topography, size, shape, and natural resources, on settlement and economic development. I; (3). Assistant Professor BLANCHARD
- Prerequisite:* Geography 3; senior standing.
8. GEOGRAPHY OF EUROPE.—Effect of the physiographic features of Europe on its climate, resources, and inhabitants. II; (3). Assistant Professor BLANCHARD
- Prerequisite:* Geography 3; senior standing.

53a-53b. ADVANCED INDUSTRIAL AND COMMERCIAL GEOGRAPHY.—I, II; (3).

Assistant Professor BLANCHARD

*Prerequisite:* Senior standing, Geography 3, and at least one course in regional geography.

#### SUMMER SESSION COURSES

##### GEOGRAPHY

S1. PRINCIPLES OF GEOGRAPHY.—See Geography 1. Lectures; quiz; laboratory; field trips. (Students who have had Geology 1 will receive only three hours' credit). (5).  
Miss ASHTON

SS. GEOGRAPHY OF EUROPE.—See Geography 8. (2½).

Assistant Professor BLANCHARD

*Prerequisite:* Geography 1, its equivalent, or on consultation.

S14. WEATHER AND CLIMATE.—Atmosphere; weather conditions; forecasting. (2½).

Assistant Professor BLANCHARD

#### GERMANIC LANGUAGES AND LITERATURE

Professor GOEBEL; Associate Professor BROOKS; Assistant Professors WILLIAMS, KOLLER; Dr. WADEPUHL, Dr. UHLENDORF, Dr. GEISSENDOERFER, Miss BLAISDELL.

MAJOR: 20 hours in German, excluding German 1, 2, and 3, and including at least 6 hours in primarily fourth-year courses.

MINOR: 20 hours in not more than two subjects chosen from the following list: languages, education, history, philosophy, and psychology, provided that 8 hours must be selected from a language other than German.

#### ELEMENTARY AND INTERMEDIATE COURSES

1. ELEMENTARY COURSE.—Grammar and easy reading for beginners. I or II; (4). Associate Professor BROOKS, Assistant Professor KOLLER, Dr. WADEPUHL, Dr. UHLENDORF, Dr. GEISSENDOERFER, Miss BLAISDELL.

*Prerequisite:* Not open to students who have had high-school work in this language.

2. ELEMENTARY COURSE (Continued).—Grammar and reading. I or II; (4). Associate Professor BROOKS, Assistant Professor KOLLER, Dr. WADEPUHL, Dr. UHLENDORF, Dr. GEISSENDOERFER, Miss BLAISDELL.

*Prerequisite:* One year of high-school German or German 1.

4. INTERMEDIATE COURSE.—Selections from standard prose writers; sight reading; composition. I or II; (4).

Associate Professor WILLIAMS, Dr. WADEPUHL, Dr. UHLENDORF, Dr. GEISSENDOERFER, Miss BLAISDELL.

*Prerequisite:* German 2 or 3, or two years of high-school German, or equivalent demonstrated by examination.

5. INTERMEDIATE COURSE (Continued).—Literary reading. Narrative prose, but at the option of the instructor a classic in verse may also be read. I or II; (4).

Associate Professor BROOKS, Assistant Professor WILLIAMS, Dr. UHLENDORF  
*Prerequisite:* German 4, or three years of high-school German, or equivalent demonstrated by examination.

6. SCIENTIFIC READING.—Rapid reading of scientific prose. (Parallel with 5. Students may not take both 5 and 6 for more than a total of four hours' credit without permission of department.) I or II; (4).

Assistant Professor WILLIAMS

*Prerequisite:* (Same as for course 5).

## COURSES FOR ADVANCED UNDERGRADUATES

7. MODERN FICTION.—(Intended primarily for students who take 5 the first semester. Not open to those who have had any course more advanced than 5.) II; (3).

Associate Professor BROOKS  
*Prerequisite:* German 5 or equivalent.

10. INTRODUCTORY GOETHE COURSE.—Goethe's life. Reading of works illustrating different periods of his development. II; (3).

Associate Professor BROOKS  
*Prerequisite:* Two and one-half years of college German or equivalent.

14. INTRODUCTORY SCHILLER COURSE.—Schiller's life; reading of dramas, lyrics, and ballads illustrating different periods of his development. I; (3).

Associate Professor BROOKS  
*Prerequisite:* German 5 or equivalent.

16. ELEMENTARY COMPOSITION AND CONVERSATION.—I; (2). Dr. WADEPUHL

*Prerequisite:* German 5 or equivalent.

17. INTERMEDIATE COMPOSITION AND CONVERSATION.—II; (3). Dr. WADEPUHL

*Prerequisite:* German 16 or equivalent.

23. GERMAN NOVEL.—Rapid reading of representative novels, beginning with Goethe's *Werther*. Assigned readings. II; (3).

*Prerequisite:* Two and one-half years of college German or equivalent.

24. MODERN GERMAN DRAMA.—Rapid reading of dramas by Grillparzer, Hebbel, Hauptmann, and others. I; (3).

Assistant Professor KOLLER  
*Prerequisite:* German 5 or equivalent.

25. TEACHERS' COURSE.—II; (2). Assistant Professor KOLLER

*Prerequisite:* Three years of college German or equivalent.

28a-28b. GERMAN LYRICS AND BALLADS.—Form; development; types; the *Volkshied* of the eighteenth and nineteenth centuries. I: Early eighteenth century and classical period. II: Nineteenth century. I, II; (2).

Assistant Professor WILLIAMS  
*Prerequisite:* (For 28a): German 5, or equivalent, and sophomore standing.

29a-29b. ADVANCED COMPOSITION AND CONVERSATION.—I, II; (3). Dr. UHLENDORF

*Prerequisite:* (For 29a): German 17 or equivalent.

30a-30b. SENIOR THESIS.—(Intended primarily for candidates for honors in German, but open to other seniors.) I, II; (1 or 2).

Professor GOEBEL and others  
*Prerequisite:* Senior standing and three years of college German or equivalent.

33a. HONOR COURSE.—I, II; (2). Professor GOEBEL and others

*Prerequisite:* Three years of college German or equivalent.

## COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

[8. SCHILLER.—The life of Schiller; *Wallenstein*, and other selections. II; (3). Not given in 1923-24.]

[19a-19b. GOETHE'S FAUST.—I, II; (3). Not given in 1923-24. Professor GOEBEL]

26a. GERMAN LITERATURE TO THE END OF THE REFORMATION.—Lectures; recitations; reports on assigned reading. I; (3).

Professor GOEBEL  
*Prerequisite:* Three years of college German or equivalent.

26b. GERMAN LITERATURE SINCE THE REFORMATION.—Lectures; recitations; reports on assigned collateral reading. II; (3).

Professor GOEBEL  
*Prerequisite:* German 26a.

[27. LESSING.—Not given in 1923-24.]

31. MIDDLE HIGH GERMAN.—I; (3). Professor GOEBEL

*Prerequisite:* Senior or graduate standing; three years of college German.

[32. HISTORY OF GERMAN CIVILIZATION.—Readings; lectures; discussions. I; (3). Not given in 1923-24. Associate Professor BROOKS]

39a-39b. ...GOETHE AND SCHILLER.—Interpretation of Goethe's poems, Goethe's *Tasso*; Schiller's *Über naive und sentimentalische Dichtung*. I, II; (2). Professor GOEBEL  
*Prerequisite:* Three years of college German or equivalent.

54. COMPARATIVE LITERATURE.—See English 54.

#### COURSES FOR GRADUATES

Students desiring to take German as a major should have completed a four years' course of undergraduate study in German, corresponding to the four years' course at this University, and should be familiar with the principal works of the writers of the classical and modern periods of German literature, show a general knowledge of the history of German literature, and be able to follow lectures in the German language.

A reading knowledge of Latin and French is required. It is desirable that candidates for the degree of Ph.D. have some knowledge of Greek. All students are expected to have had a course in German history.

101. SEMINAR IN GERMANIC PHILOLOGY.—Research; results of value may be published in the *Journal of English and Germanic Philology*. I, II; (1 unit). Professor GOEBEL

[103. INTRODUCTION TO HISTORICAL STUDY OF THE GERMANIC LANGUAGES.—History of German philology; comparative grammar of the Old Germanic dialects. Lectures; discussions. II; (1 unit). Not given in 1923-24. Professor GOEBEL]

[104. GOTHIC.—Grammar and literature. II; (1 unit). Not given in 1923-24. Professor GOEBEL]

[105. OLD HIGH GERMAN.—Grammar and interpretation of the oldest literary documents. II; (1 unit). Not given in 1923-24. Assistant Professor WILLIAMS]

[109. GOETHE'S AND SCHILLER'S PHILOSOPHY.—I, II; (1 unit). Not given in 1923-24. Professor GOEBEL]

110. EARLY GERMAN DRAMA.—I; (1 unit). Associate Professor BROOKS

[113. GERMAN LITERATURE OF THE FIFTEENTH AND SIXTEENTH CENTURIES.—II; (1 unit). Not given in 1923-24. Associate Professor BROOKS]

[115. HISTORY OF GERMAN LITERATURE OF THE NINETEENTH CENTURY.—I, II; (1 unit). Not given in 1923-24.]

[116. MEDIEVAL GERMAN LITERATURE WITH REFERENCE TO POLITICAL, RELIGIOUS, AND SOCIAL HISTORY.—Research. I, II; (1 unit). Not given in 1923-24.]

[117. HISTORY OF GERMAN LITERATURE DURING THE EIGHTEENTH CENTURY.—I, II; (1 unit). Not given in 1923-24. Professor GOEBEL]

[118. THE GERMAN DRAMA SINCE SCHILLER.—I, II; (1 unit). Not given in 1923-24.]

[119. THE GERMAN NOVEL.—Research. I, II; (1 unit). Not given in 1923-24.]

[121. WALTER VON DER VOGELWEIDE.—II; (1 unit). Not given in 1923-24. Professor GOEBEL]

121a. THE NIEBELUNGENLIED.—Lectures and interpretations. II; (1 unit). Professor GOEBEL

[121b. GUDRUN.—Lectures and interpretations. II; (1 unit). Not given in 1923-24. Professor GOEBEL]

[125. HISTORY OF THE GERMAN LANGUAGE.—II; (1 unit). Not given in 1923-24.]

[126. HERDER AND HIS RELATIONS TO EUROPEAN LITERATURE.—I, II; (1 unit). Not given in 1923-24. Assistant Professor KOLLER]

#### SUMMER SESSION COURSES

#### COURSES FOR UNDERGRADUATES

Dr. WADEPUHL, Dr. UHLENDORF, Dr. GEISSENDOERFER

S1. BEGINNERS' COURSE.—Schmidt and Glöckle's *Das erste Jahr Deutsch*. (4).

*Equivalent:* German 1 or one year of high school German. Dr. WADEPUHL

S3. READING AND GRAMMAR.—(Continuation of beginners' course). (4).

Dr. GEISSENDOERFER

*Prerequisite:* German 1, S1 or one year of high school German.

*Equivalent:* German 3 or two years of high school German.

S4. PROSE READING.—Narrative prose; sight reading; writing. (4).

Dr. UHLENDORF

*Prerequisite:* German 3 (or 2), or two years of high school German, or equivalent.

*Equivalent:* German 4.

S5. NARRATIVE PROSE.—(4).

Dr. GEISSENDOERFER

*Prerequisite:* German 4 or equivalent.

*Equivalent:* German 5.

S16. CONVERSATION AND COMPOSITION.—Elementary course. (1). Dr. UHLENDORF

*Prerequisite:* German 5 (or 6), or equivalent.

*Equivalent:* German 16 (in part).

S24. MODERN GERMAN DRAMA.—Rapid reading. (1½).

Dr. WADEPUHL

*Prerequisite:* German 5 (or 6), or equivalent.

*Equivalent:* German 24 (in part).

## GREEK

(See CLASSICS.)

## HISTOLOGY

(See PHYSIOLOGY.)

## HISTORY

Professors LARSON, LYBYER, OLMSTEAD, ROBERTSON; Associate Professors JONES, Pease; Assistant Professors DIETZ, RANDALL; Dr. SWAIN, Dr. DUNBAR, Dr. ROBERTS, Dr. SACHAR, Mr. HYDE, Mr. RONALDS, Mr. DORRIS. *Cooperating:* Professor OLDFATHER.

MAJOR: 20 hours, excluding History 1a and 2a, and including (a) either History 1b or 2b; (b) six hours selected from courses for advanced undergraduates and graduates; and (c) any other courses offered in the department.

MINOR: 20 hours, selected from two of the following subjects: economics, political science, law, sociology, English and American literature, education, philosophy, and geography. Courses in any foreign language may be accepted in satisfaction of this requirement, if the student can show his ability to read ordinary historical prose in that language.

### COURSES FOR UNDERGRADUATES

1a-1b. CONTINENTAL EUROPEAN HISTORY.—Europe from the fifteenth century to the present time. (Either semester may be taken separately.) I, II; (4 or 3).<sup>1</sup>

Associate Professor JONES, Dr. SWAIN, Dr. DUNBAR, Dr. ROBERTS, Dr. SACHAR

2a-2b. ENGLISH HISTORY.—I: Political history of England to the Revolution of 1688; II: Modern history of England to the peace of Versailles; colonial and imperial development. I, II; (3 or 2).<sup>2</sup>

Assistant Professor DIETZ, Professor LARSON, Dr. SWAIN, Dr. SACHAR, Mr. HYDE, Mr. RONALDS.

3a-3b. HISTORY OF THE UNITED STATES.—I: The colonies in the eighteenth century. II: A century of national development, 1815-1923. (Either semester may be taken separately.) I, II; (3).

Professor ROBERTSON, Assistant Professor RANDALL, Dr. DUNBAR, Dr. ROBERTS, Mr. DORRIS.

*Prerequisite:* One year of college work.

18. THE TEACHING OF HISTORY.—Preparation of students for the teaching of history in secondary schools. II; (2).

Assistant Professor RANDALL

*Prerequisite:* History 1a-1b, 3a-3b, or their equivalent; senior standing.

<sup>1</sup>Three credits for seniors; four credits for students other than seniors.

<sup>2</sup>Two credits for seniors; three credits for students other than seniors.



23a-23b. THE PURITAN REVOLUTION IN ENGLAND AND AMERICA.—I: Influence of Puritanism on the institutions of modern England and America. II: Growth of parties, 1660-1760. I, II; (2). Associate Professor PEASE

*Prerequisite:* One year of college history.

[30a-30b. THE MOHAMMEDAN WORLD.—I, II; (3). Not given in 1923-24.

Professor LYBYER

*Prerequisite:* One year of college history.]

37a-37b. HISTORY OF ASIA.—The historical and cultural story of Eastern, Central, and Southern Asia. I, II; (3). Professor LYBYER

*Prerequisite:* One year of college history.

38a-38b. WESTERN EUROPE IN THE MIDDLE AGES.—I: Constantine to Charlemagne. II: Charlemagne to Dante. I, II; (3). Associate Professor JONES

*Prerequisite:* Entrance credit in European history, or sophomore standing.

50a-50b. THE ANCIENT WORLD.—I: The prehistoric age and the ancient empires. II: Greece and Rome. I, II; (3). Professor OLMSTEAD

*Prerequisite:* Entrance credit in ancient history, or sophomore standing.

51a-51b. HEBREW HISTORY.—The Hebrew people to the revolt under Hadrian; source problems. Biblical history and the history of the times. I, II; (2). Professor OLMSTEAD

*Prerequisite:* Junior standing.

55. HISTORY OF GREECE.—I; (3). (See Greek 55.)

Professor OLDFATHER

*Prerequisite:* One college course in history or the classics; sophomore standing.

56. HISTORY OF ROME.—II; (3). (See Latin 56.)

Professor OLDFATHER

90a-90b. THESIS.—Special training in investigation for candidates for honors and for other seniors. I, II; (2). Professor ROBERTSON

91a-91b. HONORS COURSE.—Reading in selected fields in consultation with the instructor. I, II; (2). Professor LARSON

*Prerequisite:* Senior standing.

#### COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

(Open to seniors and to juniors of high standing. The ability to use modern languages is desirable.)

[14a-14b. STUDIES IN THE DEVELOPMENT OF AMERICAN IDEALS.—I, II; (3). Not given in 1923-24. Associate Professor PEASE]

20a-20b. HISTORY OF THE SOUTH.—The plantation system; Southern political and social ideals; secession; the Confederacy and reconstruction. I, II; (2). Dr. ROBERTS

*Prerequisite:* History 3a-3b.

21. RECENT HISTORY OF THE UNITED STATES.—Contemporary American politics; economic, political, and social problems; international relations; the United States in the Great War. I; (3). Professor ROBERTSON

*Prerequisite:* History 3b.

22a-22b. HISTORY OF THE WEST, 1787-1865.—Settlement of the Northwest; economic, political, and social problems; influence on national policies. I, II; (2). Associate Professor PEASE

*Prerequisite:* History 3.

25. THE CIVIL WAR AND THE RECONSTRUCTION.—The ante-bellum South and its destruction, 1844-80. The Civil War. I; (3). Assistant Professor RANDALL

*Prerequisite:* History 3a-3b.

26. HISTORY OF THE LATIN-AMERICAN COLONIES.—Spain and Portugal during the age of discovery. Colonization, administration, and civilization of Latin America and the Philippines. Brazil and the Spanish-American republics. I; (3). Professor ROBERTSON

*Prerequisite:* One year of college history.

27. HISTORY OF LATIN AMERICA FROM THE WARS OF INDEPENDENCE TO THE PRESENT TIME.—Existing governments; political parties; economic and social conditions; relations with the United States. II; (3). Professor ROBERTSON

*Prerequisite:* One year of college history.

32a-32b. RECENT EUROPEAN HISTORY.—I: National consolidation and world-wide expansion, 1848-91. II: Alliances, the Great War, and subsequent events. I, II; (3). Professor LYBYER

*Prerequisite:* One year of college history.

33a-33b. PROSEMINAR IN RECENT EUROPEAN HISTORY.—Intensive study of selected problems. I, II; (2). Professor LYBYER

*Prerequisite:* Senior standing and twelve hours of college history.

34a-34b. THE HISTORY OF EUROPE, 1648-1848.—National growth and colonial expansion; the French Revolution, Napoleon, and the European reaction. I, II; (3). Dr. SWAIN

*Prerequisite:* One year of college history, economics, or political science.

[39a-39b. THE RENAISSANCE AND THE REFORMATION.—The transition from medieval to modern ideals. I, II; (3). Not given in 1923-24. Associate Professor JONES

*Prerequisite:* History 1a-1b.]

40. HISTORY OF THE BRITISH COMMONWEALTH.—Expansion of England; imperial organization; development of colonial nations. I; (2). Professor LARSON

*Prerequisite:* One year of college history.

42. MEDIEVAL CIVILIZATION.—Religious, economic, and intellectual development of medieval society. II; (3). Professor LARSON

*Prerequisite:* One year of college history.

44a-44b. THE CONSTITUTIONAL HISTORY OF ENGLAND.—I: Institutional origins. II: Modern constitutional practice. I, II; (3). Professor LARSON

*Prerequisite:* One year of college history.

46a-46b. HISTORY OF THE INDUSTRIAL REVOLUTION IN GREAT BRITAIN.—Agriculture, industry, and commerce in Great Britain, 1760-1923; social significance. I, II; (2). Assistant Professor DIETZ

*Prerequisite:* One year of college history.

53. ASSYRIAN HISTORY.—The Empire; government of dependencies; parallels to modern imperial states; economic life. I; (3). Professor OLMSTEAD

*Prerequisite:* Junior standing.

54. HISTORY OF EGYPT.—Prehistoric and historic Egypt to the Persian Conquest. II; (3). Professor OLMSTEAD

*Prerequisite:* Junior standing.

60. THE UNITED STATES IN THE GREAT WAR.—The course of the United States in the war; economic mobilization; administrative features of war government. II; (3). Assistant Professor RANDALL

*Prerequisite:* History 3b.

#### COURSES FOR GRADUATES

Graduate work in history presupposes two years of college work in this subject, or 16 semester hours, which should include courses in European and American history corresponding roughly to History 1a-1b and 3a-3b in this University. Linguistic preparation, especially in French and German, is important. For medieval history some knowledge of Latin is essential, and Spanish is useful for certain fields of American history.

Advanced courses in history at the University are of three kinds: (1) For information and guidance in general reading. (2) Instruction in methodology, historiography, and biography. A part of this work (in course 103) is required of all graduate students in history during their first year. (3) Seminar courses for the study of special fields with a view to training in the methods of historical criticism and research.

ILLINOIS HISTORICAL SURVEY.—Students have an opportunity to pursue research in Western history in connection with the Illinois Historical Survey, an organization for the purpose of carrying on systematic studies in the history of Illinois.

Attention is also called to the fact that the University has for some time cooperated with the Trustees of the State Historical Library in the gathering and editing of archive material. As a result instructors and graduate students in the department have contributed from time to time to the publications of the Library, and have been given useful training in the study of manuscript and printed material.

101. SEMINAR IN AMERICAN HISTORY.—I: Introduction to research. II: Investigation of selected topics. I, II; (1 to 2 units).

Professor ROBERTSON, Associate Professor PEASE

In connection with this course, advice and direction in research are offered in various fields as follows:

A. American history since 1815.

Professor ROBERTSON, Assistant Professor RANDALL

B. The history of the west.

Associate Professor PEASE

C. Latin-American history.

Professor ROBERTSON

102. SEMINAR IN ENGLISH HISTORY.—Church and state in the medieval and early modern period; examination of documentary materials. I, II; (1 unit).

Professor LARSON, Assistant Professor DIETZ

103. HISTORIOGRAPHY AND HISTORICAL METHOD.—Required for an advanced degree in history of all candidates who do not present evidence of similar training elsewhere. I; (½ unit).

Assistant Professor RANDALL

104. SEMINAR IN EUROPEAN HISTORY.—European expansion. Bibliography, historiography, and selected problems; reports. I, II; (1 to 2 units).

Professor LYBYER, Associate Professor JONES

In connection with this course, advice and direction in research in various fields are offered as follows:

A. Modern history of continental Europe.

Professor LYBYER

B. Renaissance and Reformation.

Associate Professor JONES

C. Asiatic Relations.

Professor LYBYER

105. RESEARCH IN SPECIAL TOPICS.—Guidance in writing theses for advanced degrees. (1 to 2 units).

Professors LARSON, LYBYER, OLMSTEAD, ROBERTSON; Associate Professors JONES, PEASE; Assistant Professors DIETZ, RANDALL.

126. SPANISH-AMERICAN RELATIONS.—Relations of the Latin-American states with the United States. The Monroe Doctrine, international trade, etc. I, II; (1 unit).

Professor ROBERTSON

150. RESEARCH IN ANCIENT ORIENTAL HISTORY.—I, II; (1 unit).

Professor OLMSTEAD

## SUMMER SESSION COURSES

### COURSES FOR UNDERGRADUATES

S1d. RECENT EUROPEAN HISTORY, 1871-1922.—(2 for students other than seniors; 1½ for seniors).

Dr. GOTTSCHALK

*Equivalent:* The fourth quarter of History 1a-1b.

S3a. AMERICAN HISTORY TO 1789.—The English colonies; the American Revolution; the Confederation and the Constitution. (2½).

Dr. ROBERTS

*Prerequisite:* Sophomore standing.

*Equivalent:* History 3a (approximately).

S50b. THE ANCIENT WORLD.—Greek and Roman history. Recent developments; correlation with secondary teaching. (3).

Professor OLMSTEAD

*Prerequisite:* Sophomore standing.

*Equivalent:* The second half of History 50.

## COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

(At least junior standing is required for all the courses in this group).

S27. HISTORY OF LATIN AMERICA, 1824-1922.—National history of the Latin-American nations; present problems. (2). Professor ROBERTSON

*Prerequisite:* One year of college history.

S30. THE PROBLEM OF THE NEAR EAST.—Recent events; rival religions; race interests; new movements for Oriental unity. (2). Professor OLMSTEAD

*Prerequisite:* One year of college history.

S36. THE FRENCH REVOLUTION, 1789-1799.—(3).

Dr. GOTTSCHALK

*Prerequisite:* One year of college history.

S37. AMERICA AND EUROPE, 1776-1826.—The diplomacy of the American Revolution; international intercourse; commercial treaties; relations with England, France, and Spain; struggle for neutrality. (2). Professor ROBERTSON

*Prerequisite:* One year of college history.

## COURSES FOR GRADUATES

S101. RESEARCH IN AMERICAN HISTORY.—Direction of students engaged in investigation of special topics. (1 unit). Professor ROBERTSON

S104. RESEARCH IN EUROPEAN AND NEAR EASTERN HISTORY.—Direction of students engaged in investigation of special topics. (1 unit). Professor OLMSTEAD

## HOME ECONOMICS

Professor WARDALL; Assistant Professors WARDELL, BARTO, JACOBSEN; Mrs. BURFORD, Miss FORD, Miss WEAVER, Miss WHITLOCK, Miss ROBINSON, Miss TODD, Miss VANAKEN, Miss McCULLOUGH, Miss GIDDINGS, Miss BARER, Miss AUSTIN, Miss WENGER, Miss BARNEB, Miss TACKABERRY, Miss AGAR, Miss RODE.

MAJOR A—*General Home Economics*: 20 hours from courses offered by the department, excluding Home Economics 1, 6, and 7, and including Home Economics 2, 5, 10, 29, and two or more of the following: Home Economics 4, 14, 19, 28, 31, 33, 41. To satisfy the requirements for the major, students transferring from other institutions must take at least five hours in residence from the following: Home Economics 4, 28, 31, 33, 39a, 39b, 41.

MAJOR B—*Nutrition and Dietetics*: 20 hours excluding Home Economics 1 and including Home Economics 4, 5, 6, 39a, 39b, and two or more of the following: Home Economics 18, 20, 33, 41.

MINOR: 20 hours from (a) chemistry, bacteriology, and physiology, or (b) economics (a minimum of 8 hours), and one or two of the following subjects: sociology, psychology, history, and education.

1. SELECTION AND PREPARATION OF FOOD.—Nature, chemical composition, uses, and cost of foods; selection; preparation; manufacture. Laboratory fee, \$3. I or II; (4). Miss AUSTIN, Miss BARER, Miss TACKABERRY

*Prerequisite:* Chemistry 1, 2a.

2. HOME ARCHITECTURE.—Situation, design, construction, and history of the house. Making skeleton plans. I or II; (3).

Professor NEWCOMB; Assistant Professors PALMER, O'DONNELL; Mr. LANGFORD, Miss WEAVER.

*Prerequisite:* Art and Design 1, 12.

3. HOME DECORATION.—Furniture, pictures, and accessories; walls, floors, and windows; historic, artistic, economic aspects. I or II; (3). Miss WEAVER

*Prerequisite:* Art and Design 1, 12; Home Economics 2.

4. FOOD AND NUTRITION.—Physiological, chemical, and bacteriological aspects. Laboratory fee, \$10. I or II; (5). Assistant Professor WARDELL, Miss WENGER

*Prerequisite:* Bacteriology 5a, 5b; Chemistry 9, 9c, 5a; Home Economics 5.

5. **DIETETICS.**—Food requirements and values. Planning of dietaries for individuals and family groups. Laboratory fee, \$4. I or II; (4). Assistant Professor BARTO  
*Prerequisite:* Chemistry 9, 9c; Home Economics 1, 6; Physiology 1, 4.
6. **FOODS.**—A continuation of Home Economics 1. Laboratory fee, \$3. I or II; (4). Miss BARER, Miss AUSTIN, Miss TACKABERRY  
*Prerequisite:* Home Economics 1.
7. **TEXTILES.**—The textile industry; fibers and materials; textile design; examination and tests of fibers and fabrics. Laboratory fee, \$2; I or II; (3 or 2).<sup>1</sup> Miss McCULLOUGH
9. **EXTENSION WORK IN HOME ECONOMICS.**—Home-making activities and organizations of women. Practice in preparing programs of work, demonstrations, county news bulletins, and reports. Field trips. II; (3). Miss VANAKEN  
*Prerequisite:* Senior standing in home economics; consent of the instructor.
10. **ORGANIZATION AND MANAGEMENT OF THE HOUSEHOLD.**—Family income; household activities and equipment. Emphasis on economic aspects. I or II; (3). Miss FORD  
*Prerequisite:* Home Economics 2, 6, 7; Economics 1 or 2.
11. **TEACHERS' COURSE.**—Methods; observations; practice in planning courses and lessons. One inspection trip (approximate cost, \$5). Required of all who wish to be recommended to teach home economics. I or II; (3). Miss ROBINSON  
*Prerequisite:* Home Economics 6, 29; *Prerequisite or concurrent:* Education 10; Home Economics 5, 10. *Recommended:* Home Economics 34.
- 11a. **SUPERVISED TEACHING.**—Supervised teaching of twenty double-period lessons in secondary school classes. I or II; (2). Miss ROBINSON  
*Prerequisite or concurrent:* Home Economics 11.
13. **TEACHERS' COURSE.**—Development of home economics; work in institutions; agencies and organizations for home betterment. Required of all who wish to be recommended to teach home economics. I or II; (3). Miss TODD  
*Prerequisite:* Junior or senior standing in home economics.
14. **PRACTICE HOUSE.**—Planning, preparation, and serving of meals; care of the house. Conferences and laboratory work in practice apartment and laundry, occupying nine weeks either half of semester. For Smith-Hughes students, this course should alternate with Education 14; for non-Smith-Hughes students, it should alternate with Home Economics 35. Laboratory fee (to cover cost of raw food materials for four weeks), \$13.50. I or II; (3). Miss FORD  
*Prerequisite:* Home Economics 5, 6, 10; consent of the instructor.
18. **CAFETERIA MANAGEMENT.**—Organization and equipment; foods; menus and problems. Laboratory practice, experience in serving. Three-day inspection trip in Chicago (approximate cost, \$25). I or II; (5). Mrs. BURFORD  
*Prerequisite:* Economics 1 or 2; Home Economics 6; consent of the instructor.
19. **COSTUME DESIGN.**—Costume design from artistic, historic, economic, and hygienic viewpoints. Media-pencil, water color, and dress fabrics. I or II; (3). Miss BARNES  
*Prerequisite:* Art and Design 1, 12; Home Economics 7, 29.
20. **INFANT NUTRITION.**—Lectures; readings; discussions. I or II; (2). Assistant Professor WARDELL  
*Prerequisite:* Home Economics 5; senior standing.
28. **ORGANIZATION AND MANAGEMENT OF THE HOUSEHOLD.**—Economic relationship of the household to certain public, private, and cooperative agencies. II; (2). Miss FORD  
*Prerequisite:* Home Economics 10.
29. **CLOTHING.**—Selection and construction of clothing. I or II; (4). Assistant Professor JACOBSEN, Miss AGAR  
*Prerequisite:* Art and Design 1 or 12; Home Economics 7.
30. **CLOTHING.**—Patterns—commercial and drafted. Design and construction of clothing. I or II; (3). Miss WHITLOCK  
*Prerequisite or concurrent:* Home Economics 19.

<sup>1</sup>Two credits for seniors; three credits for other students.

31. CLOTHING.—Artistic and economic aspects of clothing. Modelling on the dress form. I or II; (3). Assistant Professor JACOBSEN

*Prerequisite:* Home Economics 30.

33. DIET IN DISEASE.—Laboratory fee, \$3. II; (3). Assistant Professor BARTO

*Prerequisite:* Home Economics 5.

34. TEACHERS' COURSE IN CLOTHING.—Analysis of problems; making of illustrative material for clothing courses. (Every student expecting to teach clothing is advised to register for this course before the last semester of her senior year). I or II; (1).

Miss TODD

*Prerequisite:* Home Economics 19.

35. EXPERIMENTAL COOKERY.—(Not open to Smith-Hughes students). Principles of cookery processes. Conferences and laboratory work occupying nine weeks either half of semester. Should alternate with Home Economics 14. I or II; (3). Miss TACKABERRY

*Prerequisite:* Home Economics 5, 6, 10; consent of the instructor.

36. MILLINERY.—History, designing, and construction of hats. I or II; (no credit).

Miss WHITLOCK

*Prerequisite:* Senior standing in home economics.

38. FOOD COURSE.—For students not in home economics who desire some knowledge of the selection of food. No credit to home economics students. I or II; (2).

Miss GIDDINGS

*Prerequisite:* 30 hours of university work.

39a. NUTRITION.—Lectures; reports; discussions; review of current literature. I; (1).

Assistant Professor WARDELL

*Prerequisite:* Home Economics 4, 20, or 33.

39b. NUTRITION.—Lectures; reports; discussions; review of current literature. II;

(1). Assistant Professor WARDELL

*Prerequisite or concurrent:* Home Economics 4, 20, or 33.

41. PROBLEMS IN NUTRITION.—Discussions; investigations. Laboratory fee, \$5. II;

(3-5). Assistant Professor WARDELL, Miss WENGER

*Prerequisite or concurrent:* Home Economics 4, 20, or 33.

#### COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

II. 4. FOOD AND NUTRITION.—Physiological, chemical, and bacteriological aspects. I, Assistant Professor WARDELL

20. INFANT NUTRITION.—Lectures; readings; discussions. I, II.

Assistant Professor WARDELL

28. ORGANIZATION AND MANAGEMENT OF THE HOUSEHOLD.—Economic relationship to public, private, and cooperative agencies. I, II. Miss FORD

#### COURSES FOR GRADUATES

Students electing graduate courses dealing with food and nutrition will present: chemistry, 20 hours (including quantitative and organic); bacteriology, 5 hours; physiology, 5 hours; food and dietetics, 10 hours; nutrition, 5 hours. For the more general problems involved in Home Economics 101, students must present: food and dietetics, 10 hours; textiles and clothing, 8 hours; chemistry, 12 hours; physiology, 5 hours; principles of economics, 3 hours.

101. HOME ECONOMICS.—Discussion and reports. Each member of the class selects a problem for continuous work and report. I, II; (1 unit). Professor WARDALL

102. RESEARCH IN FOOD AND NUTRITION.—I, II; (1 to 2 units).

Assistant Professor WARDELL

103. NUTRITION SEMINAR.—A reading knowledge of French or German required. I, II; (1½ unit). Assistant Professor WARDELL

## HORTICULTURE

Professors BLAIR, LLOYD, CRANDALL, DORNER; Associate Professors COLBY, LOHMANN; Assistant Professors RUTH, ANDERSON, BROCK, SAYRE, BARTHOLOMEW, WHITE, HALL; Miss McADAMS, Mr. SCHAFER, Mr. DALE, Mr. HUELSEN, Mr. VOGELE, Mr. PETERSON, Dr. WEINARD, Mr. MOHLMAN, Mr. CARVER, Mr. NEWTON, Mr. AXT, Mr. KELLEY.

## COURSES FOR UNDERGRADUATES

1a. ELEMENTS OF HORTICULTURE.—Fruit growing. Recitations; exercises. No credit allowed to juniors and seniors. I; (2).

Associate Professor COLBY, Mr. VOGELE, Mr. KELLEY

1b. ELEMENTS OF HORTICULTURE.—Vegetable gardening. Recitations; exercises. No credit allowed to juniors and seniors. II; (2).

Assistant Professor SAYRE, Mr. DALE, Mr. AXT

2. SMALL FRUIT CULTURE.—The blackberry, raspberry, dewberry, currant, gooseberry, and strawberry. Recitations; reference work; laboratory. II; (2).

Associate Professor COLBY, Mr. VOGELE

*Prerequisite:* Horticulture 1a and 1b.

3. COMMERCIAL VEGETABLE GARDENING.—Production of vegetables for market. Lectures; reference readings; experience in greenhouses and gardens. II; (5).

Professor LLOYD, Assistant Professor SAYRE

*Prerequisite:* Horticulture 1b.

4. PLANT HOUSES.—Construction; cost and maintenance; heating; ventilating. II; (3).

Professor DORNER

5. PLANT PROPAGATION.—Grafts; buds; layers; cutting; seeds. Lectures; laboratory; quizzes. I; (3).

Professor DORNER, Mr. MOHLMAN

[6. NURSERY METHODS.—Lectures; reference readings. Trips to nurseries, the cost not to exceed \$20. II; (2). Not given in 1923-24.

*Prerequisite:* Horticulture 5.]

7. SPRAYING.—Materials; appliances; methods. Lectures; reference readings; laboratory; field work. II; (3).

Assistant Professor RUTH

*Prerequisite:* Horticulture 1a and 1b; Chemistry 1

[9. FORESTRY.—II; (2). Not given in 1923-24.

*Prerequisite:* Botany 1.]

10a. RURAL IMPROVEMENT.—Landscape gardening in the open country. Lectures; reference readings; reports. II; (2).

Mr. SCHAFER

[10b. TOWN IMPROVEMENT.—Lectures; reference readings; reports. II; (2). Not given in 1923-24.]

[11. CULTIVATED PLANTS.—Lectures; readings. I; (2). Not given in 1923-24.

*Prerequisite:* Botany 4a.]

15a. GREENHOUSE MANAGEMENT.—Soils; fertilizers; potting and shifting plants; watering. Lectures; reference readings; greenhouse work. II; (3).

Professor DORNER, Assistant Professor HALL

*Prerequisite:* Botany 1.

15b-15c. COMMERCIAL CROPS.—Greenhouse plants and cut flowers for markets; care; marketing. Lectures; greenhouse work. I, II; (3).

Assistant Professor HALL

*Prerequisite:* Horticulture 15a.

19. AMATEUR FLORICULTURE.—Propagation and culture of plants for window and garden. I; (3).

Mr. MOHLMAN

21a-21b. LANDSCAPE DESIGN.—Types of drafting and presentation used in office practice. Lectures; reference readings; reports. I, II; (4).

Miss McADAMS

*Prerequisite:* Architecture 32.

22a-22b. INVESTIGATION WITH THESIS.—Pomology. I, II; (5).

Assistant Professors RUTH, ANDERSON; Associate Professor COLBY

22c-22d. INVESTIGATION WITH THESIS.—Olericulture. I, II; (5).

Professor LLOYD

22e-22f. INVESTIGATION WITH THESIS.—Floriculture. I, II; (5).

Professor DORNER, Dr. WEINARD

22g-22h. INVESTIGATION WITH THESIS.—Landscape Gardening. I, II; (5).

Associate Professor LOHMANN

22j-22k. INVESTIGATION WITH THESIS.—Plant Breeding. I, II; (5).

Professor CRANDALL

*Prerequisite:* 90 hours of university work, including not less than 20 hours pertinent to the thesis problem, and approval of the head of the department. Credit is not given for either semester separately.

23a-23b. LANDSCAPE DESIGN.—Playgrounds, country estates, small city parks; Lectures; field trips; problems; readings; reports. I, II; (4). Assistant Professor WHITE

*Prerequisite:* Horticulture 21b.

24a-24b. TREES AND SHRUBS.—Identification and characteristics of hardy plant material. Lectures; reference readings; field trips. II, I; (3).

Miss McADAMS, Mr. PETERSON

*Prerequisite:* Botany 1; open only to Landscape Gardening and Floriculture students.

25a-25b. ADVANCED LANDSCAPE DESIGN.—Landscape problems, educational groups, rural parks, golf courses, cemeteries, etc. Lectures; field trips; readings. I, II; (5).

Associate Professor LOHMANN

*Prerequisite:* Horticulture 23b.

26a-26b. PLANTING DESIGN.—Theory of arrangement. Planting plans and estimates; Lectures; drafting; reference readings; field trips. I, II; (3).

Assistant Professor WHITE

*Prerequisite:* Horticulture 23a, 24b.

27a-27b. LANDSCAPE CONSTRUCTION.—Preparation of grading plans, working drawings, specifications, reports, etc. I, II; (3).

Mr. SCHAFER

*Prerequisite:* Civil Engineering 32.

30. TENDER BEDDING PLANTS.—Tropical and sub-tropical plants used in out-door bedding. Lectures; greenhouse work. II; (3).

Assistant Professor HALL

*Prerequisite:* Horticulture 15a.

31. GARDEN FLOWERS.—Propagation and growing of annuals, herbaceous perennials, bulbs, and shrubs for cut flowers and ornamental plantings. II; (3).

Professor DORNER

*Prerequisite:* Botany 1.

32a-32b. FLORAL DECORATION.—Arrangement in baskets, designs, and bouquets; table and house decoration. (For floricultural students.) I, II; (3).

Professor DORNER, Mr. MOHLMAN

33. SYSTEMATIC POMOLOGY.—Description, nomenclature, and classification of native and sub-tropical fruits; judging and displaying fruits. (For students specializing in pomology.) I; (2).

Mr. CARVER

*Prerequisite:* 60 hours of university work.

34. VEGETABLES UNDER GLASS.—Types and equipment of greenhouses for forcing; management problems; marketing; forcing crops. Lectures; reference readings; laboratory. Inspection trip required; expenses about \$20. I; (3).

Assistant Professor SAYRE

*Prerequisite:* Horticulture 3 or 15a.

36. HISTORY OF LANDSCAPE GARDENING.—Lectures; reference readings; library sketches; reports. Required of freshmen in the professional course; open to other students by permission of the instructor in charge. I; (3).

Mr. PETERSON

37a. CITY PLANNING.—Remodeling and revision of the town plan. Lectures; field trips; reference readings; reports. I; (3).

Associate Professor LOHMANN, Assistant Professor BARTHOLOMEW

*Prerequisite:* 90 hours of university work.



37b. CITY PLANNING.—Guiding the growth of communities; zoning and districting; industrial and suburban residential community planning. Lectures; reference readings. An inspection trip required; expenses about \$30. II; (3).

Associate Professor LOHMANN, Assistant Professor BARTHOLOMEW  
*Prerequisite:* Horticulture 37a.

38. OFFICE PRACTICE IN LANDSCAPE GARDENING.—Professional ethics and practice; contracts and specifications. Lectures; reference readings; seminars and reports. II; (1).

*Prerequisite:* 27b and 23b.

Mr. SCHAFFER

39a-39b. SPECIAL LECTURES.—(Open only to students in Landscape Gardening. Professional students are required to register in this course each semester of each year.) Lectures by members of the faculty and invited lecturers. Inspection trips required (estimated expense, \$2). One lecture a week; written reports. I, II; (½).

Associate Professor LOHMANN

40. CARE OF PLANT MATERIALS.—Cultivation for landscape purposes; planting, pruning, spraying, tree surgery, landscape forestry. I; (2).

*Prerequisite:* Horticulture 24b.

Mr. PETERSON

42. LANDSCAPE GARDENING.—(Elementary course for non-professional students.) Improvement of small domestic properties. Lectures; reference readings; reports; drafting. II; (3).

Mr. PETERSON

*Prerequisite:* Horticulture 10a, or junior standing in Floriculture, or senior standing in Home Economics.

49. SYSTEMATIC VEGETABLE CROPS.—Types; varieties; strains. Nomenclature; descriptions. Selection for market and exhibition. Judging. Lectures; research; laboratory. I; (2).

Professor LLOYD, Assistant Professor SAYRE

*Prerequisite:* Horticulture 3.

50. VEGETABLE SEED PRODUCTION.—Sources; climatic influences; trial grounds. Selection for stock seed; winter storage; the growing seed crop; "roguing"; harvesting, curing, storage. Lectures; research; laboratory. II; (3).

Mr. HUELSEN

*Prerequisite:* Horticulture 49; Zoology 15.

51. FRUIT DISEASES.—Symptomology; control measures. Laboratory; field studies. II; (3).

Assistant Professor ANDERSON

*Prerequisite:* 90 hours of university work; Botany 7a, or Horticulture 7.

52. SPECIAL VEGETABLE CROPS.—Classification, requirements, adaptations, and uses of less common vegetables. Lectures; research; laboratory. II; (3).

Professor LLOYD

*Prerequisite:* Horticulture 49.

53. VITICULTURE.—History, species, varieties; vineyard management; harvesting; marketing; by-products. Laboratory; recitations; reference readings. I; (2).

Associate Professor COLBY

*Prerequisite:* Horticulture 1a and 1b.

54. HORTICULTURAL MANUFACTURES.—Commercial canning and preserving. Inspection trip costing about \$20 required. Lectures; laboratory. I; (3).

Mr. HUELSEN

*Prerequisite:* Farm Mechanics 1; registration in Bacteriology 5a.

#### COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

8a-8b. ORCHARDING.—Principal fruits; cultivation; harvesting; marketing. I, II; (3).

*Prerequisite:* Horticulture 1a; 60 hours of university work.

Mr. CARVER

12. EVOLUTION OF HORTICULTURAL PLANTS.—History, classification, and distribution of cultivated plants; modification under culture; variation. I; (3).

*Prerequisite:* Horticulture 8b; Botany 4a.

Professor CRANDALL

[17. ORCHARD ORGANIZATION AND OPERATION.—(For students specializing in pomology.) II; (3). Not given in 1923-24.

*Prerequisite:* 90 hours of university work; Horticulture 8a and 8b.]

[18. **EXPERIMENTAL HORTICULTURE.**—For advanced students preparing for experiment station work. II; (3). Not given in 1923-24.  
*Prerequisite:* 20 hours' work in Horticulture.]

43. **GREENHOUSE FERTILIZERS.**—Soils and fertilizers; plant food; water requirement of greenhouse crops. Lectures; seminar. I; (3). Dr. WEINARD  
*Prerequisite:* Botany 27a; Agronomy 9; Horticulture 3 or 15a.

44. **POMOLOGY SEMINAR.**—Assigned topics; review of books, technical journals, and other publications. For seniors and graduates specializing in pomology. I or II; (1). Assistant Professor RUTH  
*Prerequisite:* 90 hours of university work.

45. **PLANT NUTRITION.**—Plant food; growth of greenhouse plants. Lectures; assigned readings; seminars. II; (3). Dr. WEINARD  
*Prerequisite:* Botany 27a; Agronomy 9; Horticulture 3 or 15a.

46. **MARKETING OF HORTICULTURAL PRODUCTS.**—An inspection trip required; expenses about \$20. For seniors and graduates specializing in horticulture. I; (3). Professor LLOYD  
*Prerequisite:* Economics 1; Horticulture 3 or Horticulture 8a, or concurrent registration in Horticulture 8a.

#### COURSES FOR GRADUATES

At least two years of collegiate work in horticulture and allied subjects and specific preparation for chosen topics are required for entrance on major work in this department.

103. **OLERICULTURE.**—Cultural requirements and improvement of vegetables. Research; conferences. I, II; (1 to 2 units). Professor LLOYD

108. **POMOLOGY.**—Special problems of small fruits and orchard fruits. I, II; (1 to 2 units). Professors BLAIR, CRANDALL, LLOYD; Assistant Professor RUTH

115. **FLORICULTURE.**—Horticultural status of flowering plants, or special problems in culture of greenhouse plants. I, II; (1 to 2 units). Professor DORNER

#### HYGIENE AND PUBLIC HEALTH

Professor BEARD, Associate Professor ETHEREDGE, Dr. ROSS, Dr. CAIN, Dr. LITTLE, Dr. LAMPERT.

1. **ELEMENTARY HYGIENE AND SANITATION.**—Required of all undergraduate men during their first year of residence. I, II; (½). Dean CLARK, Professor BEARD

2. **ESSENTIALS OF HYGIENE AND SANITATION.**—Required of all undergraduate women during their first year of residence. I, II; (1). Dean LEONARD

10. **GENERAL HYGIENE.**—Hygiene as applied to the individual, the home, the school, and the community. II; (3). Professor BEARD

#### LANDSCAPE GARDENING

(See HORTICULTURE.)

#### LATIN

(See CLASSICS.)

#### LAW

Professors HARNO, HARKER, GREEN, POMEROY, SUMMERS, GOBLE, PHILBRICK; Mr. BARTH, Miss FOOTE.

Students who are registered in the two-four curriculum leading to both the undergraduate and professional degrees are urged carefully to bear in mind the requirements stated on pages 163.

## FIRST YEAR COURSES

- 1a-1b. CONTRACTS.—Corbin, *Cases on Contracts*. I, (4); II, (3). Professor GOBLE
- 2a-2b. TORTS.—Ames & Smith, *Cases on Torts* (1909-10 ed.). I, II; (3).  
Professor PHILBRICK
3. REAL PROPERTY I.—Rights in land. Bigelow, *Cases on Rights in Land*. II; (3).  
Professor SUMMERS
- 5a. CRIMINAL LAW AND PROCEDURE.—Mikell, *Cases on Criminal Law and Procedure*.  
I; (2). Professor HARNO
- 5b. CRIMINAL LAW AND PROCEDURE.—Mikell, *Cases on Criminal Law and Procedure*.  
II; (2). Mr. BARTH
6. PERSONAL PROPERTY.—Bigelow, *Cases on Personal Property*. I; (2).  
Professor SUMMERS
11. AGENCY.—Including employers' liability and workmen's compensation. Wam-  
baugh, *Cases on Agency*, and selected cases. II; (3). Professor GREEN
44. ACTIONS.—Introduction to law, with emphasis on the historical factor in its  
development. Cook and Hinton, *Cases on Common Law Actions*, and supplemental read-  
ings. I; (3). Professor PHILBRICK
45. LEGAL BIBLIOGRAPHY.—Including drill in use of the law library. Cooley, *Brief  
Making and Use of Law Books*. I; (1). Miss FOOTE
49. READING COURSE I.—Reading of specified books and articles. II; (1).  
Professor GREEN

## SECOND AND THIRD YEAR COURSES

4. COMMON LAW PLEADING.—Harker, *Cases on Common Law Pleading*. I; (3).  
Judge HARKER
- [7. PERSONS.—Including domestic relations. Kales, *Cases on Persons and Supple-  
ment*. (2). Not given in 1923-24. Professor GOBLE]
8. EVIDENCE.—Hinton, *Cases on Evidence*. II; (4). Professor HARNO
9. SALES.—Woodward, *Cases on Sales*. II; (3). Professor GOBLE
10. REAL PROPERTY II.—Titles, Bigelow, *Introduction to the Law of Real Property*,  
and Aigler, *Cases on Property*. I; (4). Professor SUMMERS
- 12a. EQUITY JURISDICTION I.—Ames, *Cases on Equity*. Vol. I, and supplemental  
readings. I; (4). Professor POMEROY
- 12b. EQUITY JURISDICTION II.—Ames, *Cases on Equity*, Vol. II, and supplemental  
readings; selected cases on labor injunctions. I; (2) or (3). Professor POMEROY
- [13. DAMAGES.—Beale, *Cases on Damages* (2 ed.). Not given in 1923-24.  
Professor GOBLE]
14. CARRIERS AND PUBLIC UTILITIES.—Green, *Cases on Carriers*, and selected cases.  
I; (4). Professor GREEN
15. BILLS AND NOTES.—Britton, *Cases on Bills and Notes*. I; (3). Professor GOBLE
16. TRUSTS.—Scott, *Cases on Trusts*. II; (3). Professor POMEROY
17. PRIVATE CORPORATIONS.—Warren, *Cases on Private Corporations* (2 ed.). I; (4).  
Professor HARNO
18. WILLS AND ADMINISTRATIONS.—Warren, *Cases on Wills and Administration*. II;  
(2). Professor POMEROY
- [19. PARTNERSHIP—Gilmore, *Cases on Partnership*. Not given 1923-24.  
Professor SUMMERS]

20. EQUITY PLEADING.—Rush, *Text and Cases on Equity Pleading*, and selected cases. II; (2). Mr. BARTH
- [21. SURETYSHIP.—Ames, *Cases on Suretyship*. (2). Not given in 1923-24. Professor PHILBRICK]
22. CONSTITUTIONAL LAW.—Relation of government to the individual. The state and the nation. Hall, *Cases on Constitutional Law*. II; (5). Professor GREEN
23. MORTGAGES AND RECORDING ACTS.—Wyman, *Cases on Mortgages*. (2 ed.). II; (2). Professor POMEROY
- [24. MUNICIPAL CORPORATIONS.—Beale, *Cases on Municipal Corporations*. Not given in 1923-24. Professor GOBLE]
- [25. BANKRUPTCY.—Williston, *Cases on Bankruptcy* (2 ed.). Not given in 1923-24. Professor POMEROY]
26. LEGAL ETHICS.—Costigan, *Cases on Legal Ethics*. II; (1). Professor GOBLE
- 27a-27b. REAL PROPERTY III.—Future interests. Kales, *Cases on Future Interests*. I, II; (2). Professor SUMMERS
- [28. INSURANCE.—Vance, *Cases on Insurance*. Not given in 1923-24. Professor SUMMERS]
29. CONVEYANCING.—Drafting, selected abstracts, and problems. II; (1). Professor SUMMERS
- 30a. INTERNATIONAL LAW.—Law of Peace. Lawrence, *Principles of International Law* (1923 ed.) and Evans, *Cases on International Law*. I; (3). Professor GARNER
- 30b. INTERNATIONAL LAW.—Law of War and Neutrality. Lawrence, *Principles of International Law* (1923 ed.) and Evans, *Cases on International Law*. II; (3). Professor GARNER
- 31a-31b. CONFLICT OF LAWS.—Beale, *Cases on Conflict Laws* (shorter selection). I, II; (2). Professor PHILBRICK
32. QUASI-CONTRACTS.—Thurston, *Cases on Quasi-Contracts*. II; (2). Professor POMEROY
35. ILLINOIS PROCEDURE.—Selected cases and drafting of legal papers. II; (3). Judge HARKER
- 36a-36b. PRACTICE COURT.—I, II; (2). Judge HARKER
46. LEGAL HISTORY.—Jenks, *Brief History of English Law*, and supplemental reading. II; (3). Professor PHILBRICK
48. LEGAL ANALYSIS.—Salmond, *Jurisprudence* (6 ed.), and collateral readings. I; (2). Professor GREEN
50. READING COURSE II.—Reading of books selected after consultation with instructor. I; (1). Professor GREEN
51. READING COURSE III.—Reading of books selected after consultation with the instructor. I; (1). Professor GREEN
52. LAW OF OIL AND GAS.—Selected cases. II; (2). Professor SUMMERS

## SUMMER SESSION COURSES

NOTE.—The following courses in law were open to students who had had the courses in Contracts and Torts, or who had had 15 hours of law work.

- S24. MUNICIPAL CORPORATIONS.—Beale, *Cases on Municipal Corporations*. (2½). Professor GOBLE
- S25. BANKRUPTCY.—Williston, *Cases on Bankruptcy* (2d ed.), and supplementary cases. (2½). Professor POMEROY
- S28. INSURANCE.—Vance, *Cases on Insurance*. (2½). Professor SUMMERS

## LIBRARY SCIENCE

Director WINDSOR, Assistant Professor SIMPSON, Miss BOND, Miss BOYD, Miss FELSENTAL, Miss GRAMESLY, Miss HUTCHINS, Miss JOHNSON, Miss DUNLAP, Miss SANKEE, Miss HOLADAY.

## COURSES FOR FRESHMEN AND SOPHOMORES

12. GENERAL REFERENCE.—Classification and arrangement of books in the University library; card catalogs; reference books. (Intended for freshmen and sophomores, not for students in Library School.) I or II; (2).  
Miss HUTCHINS, Miss BOYD, Miss JOHNSON, Miss DUNLAP, Miss BOND, Miss FELSENTAL

## COURSES FOR LIBRARY SCHOOL JUNIORS

2a-2b. REFERENCE.—Bibliographical research; use of reference books; work in the reference department of the library. I, II; (3). Assistant Professor SIMPSON

3a-3b. SELECTION OF BOOKS.—Selection for libraries of different types; standard lists, critical periodicals; practice in writing book annotations. I, II; (2). Miss BOYD

16. ORDER, ACCESSION, AND SHELF.—Order department records and routine book-buying; publishers and discounts; serials; gifts; exchanges; duplicates; the shelf list; care of pamphlets, clippings, and maps. I; (2). Miss FELSENTAL

17. CLASSIFICATION.—The Dewey Decimal classification; the Cutter Expansive classification; book numbers. I; (3). Miss BOND

18. CATALOGING.—Dictionary and classed cataloging; subject headings. I; (3). Miss BOND

19. TRADE BIBLIOGRAPHY.—Books and periodicals used as tools of the book trade of America, England, Germany, and France. II; (1). Miss BOND

20. LOAN DEPARTMENT.—Loan records; loan systems; rules, regulations, and practices. I; (1). Miss GRAMESLY

21. PRINTING, BINDING, AND INDEXING.—Printing for libraries; preparing copy and reading proof. Materials and methods of binding; preparing books for the bindery. Index citations; choice and arrangement of headings; kind of type. II; (2). Miss BOND and others

22. LIBRARY EXTENSION.—Legislation; public libraries; county and township systems; special libraries; commissions; training; associations. II; (3). Miss GRAMESLY

23a-23b. LIBRARY ADMINISTRATION AND CURRENT LIBRARY LITERATURE.—This course includes an inspection trip to libraries and book-publishing firms, requiring about one week and costing approximately \$30. I, II; (1). Miss FELSENTAL

30. PRACTICE.—Work in the various departments of the University Library. To be taken with Library 2, 16, 17, 18, 19, 20, and 21. II; (3). Miss BOND

## COURSES FOR LIBRARY SCHOOL JUNIORS AND SENIORS

[7. HISTORY OF LIBRARIES.—II; (2). Given in alternate years. Not given in 1923-24. Assistant Professor SIMPSON]

9. HISTORY OF BOOKS AND PRINTING.—Early forms of books; invention of printing; illustration; binding. II; (2). Given in alternate years. Director WINDSOR

43. HIGH SCHOOL LIBRARY ADMINISTRATION.—II; (2). Miss SANKEE  
*Prerequisite:* Library School standing.

## COURSES FOR LIBRARY SCHOOL SENIORS

8. ADVANCED REFERENCE.—Transactions of societies; special periodicals and government publications; indexes and other works of reference. I; (2). Assistant Professor SIMPSON

*Prerequisite:* Library 2a-2b.

15a-15b. SEMINAR IN LIBRARY ECONOMY.—Special problems; library economy publications. I, II; (2). Assistant Professor SIMPSON and others

24a-24b. SELECTION OF BOOKS.—Foreign fiction; drama; poetry; special problems in selection. I, II; (2). Miss FELSENTAL

26a-26b. LIBRARY ADMINISTRATION.—Advanced order work; library organization; architecture; legislative and municipal reference; work with children; special topics. An inspection trip to libraries and book-publishing firms, requiring about one week and costing approximately \$30; and also one month of field work in a designated library, costing approximately \$50. I, II; (3). Miss GRAMESLY and others

27. BIBLIOGRAPHICAL INSTITUTIONS.—Bibliographical institutions of America and Europe; cooperative undertakings, international bibliography. I, (1). Miss BOND

28. PRACTICE.—Advanced practice in departments of the University library. II; (1 to 4).<sup>1</sup> Assistant Professor SIMPSON

29. ADVANCED CLASSIFICATION AND CATALOGING.—Systems of book classification, comparative rules for cataloging books. II; (2). Miss BOND  
Prerequisite: Library 17, 18.

40a-40b. PRACTICE.—A continuation of Library 30 supplemented by one month of work as a member of the staff of an assigned library. I, II; (3). Miss BOND

41a-41b. SUBJECT BIBLIOGRAPHY.—Selection of books in special subjects; literature and bibliography. Lectures by professors in the University. I, II; (1). Miss GRAMESLY and others

13a-42. PUBLIC DOCUMENTS.—I: Production and distribution of United States documents. II: American state and municipal documents; publications of foreign governments. I, (2); II, (3). Miss BOYD, Miss JOHNSON

#### SUMMER SESSION COURSES

During the academic year of 1922-23 in connection with the University of Illinois summer session, the Library School offered the following courses:

Eight weeks' courses for college graduates, for credit toward the B.L.S. degree. Only those students are registered in these courses who can meet the entrance requirements of the Library School.

S2a. REFERENCE.	Miss FELSENTAL
S3a. SELECTION OF BOOKS.	Miss MORRISON
S16. ORDER, ACCESSION, AND SHELF WORK.	Miss WESTON
S30. PRACTICE.	Miss FELSENTAL

Six weeks elementary courses for which credit is not given toward the B.L.S. degree. These courses are intended for persons not eligible for admission to the Library School and such students must hold library positions or be under appointment to such positions or must have done at least one year's work in a recognized college or university.

S1. CLASSIFICATION, CATALOGING, BOOK NUMBERS.	Miss WHITCOMB
S3. SELECTION OF BOOKS.	Miss MORRISON
S4. LIBRARIES AND CHILDREN.	Miss WHITCOMB
S5. ORDER, ACCESSION, ETC.	Miss WESTON
S6. LIBRARY ADMINISTRATION AND EXTENSION.	Miss WESTON
S32. REFERENCE WORK	Miss FELSENTAL

<sup>1</sup>In registering for a course with variable credit hours, a student must put down on his study list *not* the possible hours, as shown here, but the number of hours which *he* intends to take the course; e.g., not 1-4, but 1 or 2, or 3, or 4.

## MATHEMATICS

Professors TOWNSEND, MILLER, SHAW, COBLE, CARMICHAEL; Associate Professor EMCH; Assistant Professors CRATHORNE, WAHLIN, KEMPNER, BLUMBERG, LYTLE; Dr. GREEN, Dr. CAMP, Dr. STEIMLEY, Dr. BRAHANA, Dr. HASEMAN, Dr. ARMSTRONG, Dr. STETSON, Dr. LIBMAN, Dr. BENDER, Dr. STOWELL, Dr. HOERSCH, Mr. HURST, Mr. BENNETT, Mr. JOHNSTON, Mr. HUBER, Mr. HOPKINS, Mr. BAGBY, Mr. BAILEY, Mr. OGG, Mr. CONKWRIGHT, Mr. HOOVER, Mr. HOSFORD, Mr. DONER, Miss KELSEY, Mr. MORRELL.

MAJOR: 20 hours made up from any undergraduate courses offered by the department except Mathematics 2, 3, 4, and 8. The courses selected must include Mathematics 7 and 9, and at least one of the following courses: Mathematics 10, 16, 18, 20, 30, 40, 90, 91.

MINORS: 20 hours selected from not more than three of the following subjects: astronomy, chemistry, physics, philosophy, theoretical and applied mechanics, and surveying. At least 8 hours must be offered in some one subject.

For undergraduate students intending to take advanced work or a major in mathematics, the following outline of freshman and sophomore work is suggested: Freshman year: First semester, Mathematics 2 (or 3) and 4; second semester, Mathematics 6. Sophomore year: First semester, Mathematics 7 (Section T); second semester, Mathematics 9 (Section T) and 19.

## COURSES FOR UNDERGRADUATES

## 2. COLLEGE ALGEBRA.—I or II; (3).

Professors MILLER, SHAW; Assistant Professors WAHLIN, KEMPNER, BLUMBERG, LYTLE; Dr. STEIMLEY, Dr. BRAHANA, Dr. CAMP, Dr. HASEMAN, Dr. ARMSTRONG, Dr. LIBMAN, Dr. BENDER; Mr. HURST, Mr. BENNETT, Mr. JOHNSTON, Mr. HUBER, Mr. HOPKINS, Mr. BAGBY, Mr. BAILEY, Mr. OGG, Mr. CONKWRIGHT, Mr. HOOVER, Mr. HOSFORD, Mr. DONER, Miss KELSEY, Mr. MORRELL.

*Prerequisite:* Entrance algebra,  $1\frac{1}{2}$  units; plane geometry, 1 unit.

3. ALGEBRA.—(For students presenting only one unit of entrance algebra.) College algebra (Mathematics 2), and advanced elementary algebra. I or II; (5).

Professor SHAW, Dr. BRAHANA, Dr. HASEMAN, Dr. ARMSTRONG, Dr. STETSON, Dr. LIBMAN, Dr. BENDER, Dr. STOWELL, Dr. HOERSCH, Mr. HURST, Mr. BENNETT, Mr. JOHNSTON, Mr. HUBER.

*Prerequisite:* Entrance algebra, 1 unit; plane geometry, 1 unit.

## 4. PLANE TRIGONOMETRY.—I or II; (2).

Professors MILLER, SHAW, COBLE, CARMICHAEL; Assistant Professors WAHLIN, BLUMBERG, LYTLE; Dr. STEIMLEY, Dr. BRAHANA, Dr. CAMP, Dr. HASEMAN, Dr. ARMSTRONG, Dr. STETSON, Dr. LIBMAN, Dr. BENDER, Dr. STOWELL, Dr. HOERSCH, Mr. HURST, Mr. BENNETT, Mr. JOHNSTON, Mr. HUBER, Mr. HOPKINS, Mr. BAGBY, Mr. BAILEY, Mr. OGG, Mr. CONKWRIGHT, Mr. HOOVER, Mr. HOSFORD, Mr. DONER, Miss KELSEY, Mr. MORRELL.

*Prerequisite:* Entrance algebra, 1 unit; plane geometry, 1 unit.

## 6. ANALYTIC GEOMETRY.—Plane and solid analytic geometry. I or II; (5).

Associate Professor EMCH; Assistant Professors WAHLIN, LYTLE; Dr. STEIMLEY, Dr. CAMP, Dr. HASEMAN, Dr. ARMSTRONG, Dr. STETSON, Dr. LIBMAN, Dr. BENDER, Dr. STOWELL, Mr. HURST, Mr. BENNETT, Mr. JOHNSTON, Mr. HUBER, Mr. HOPKINS, Mr. BAGBY, Mr. BAILEY, Mr. OGG, Mr. CONKWRIGHT, Mr. HOOVER, Mr. HOSFORD, Mr. DONER, Miss KELSEY, Mr. MORRELL.

*Prerequisite:* Mathematics 2 (or 3), 4.

6a. ANALYTIC GEOMETRY.—(For chemists and chemical engineers.) Plane and solid analytic geometry. This course is planned as a preparation for Mathematics 8a-8b. II; (4).

Dr. GREEN, Dr. STEIMLEY

*Prerequisite:* Mathematics 2 (or 3), 4.

7-9. DIFFERENTIAL AND INTEGRAL CALCULUS.—The principles developed and applied to functions of one and of several variables. I; (5); II; (3).

Professors SHAW, COBLE, CARMICHAEL; Assistant Professors CRATHORNE, WAHLIN, BLUMBERG; Dr. GREEN, Dr. STEIMLEY, Dr. BRAHANA, Dr. HASEMAN, Dr. ARMSTRONG, Dr. STETSON, Dr. LIBMAN, Dr. BENDER, Dr. STOWELL, Dr. HOERSCH.

*Prerequisite:* Mathematics 6.

8a-8b. DIFFERENTIAL AND INTEGRAL CALCULUS.—(For students in chemistry and chemical engineering.) I, II; (3). Assistant Professor KEMPNER, Dr. GREEN, Dr. CAMP  
*Prerequisite:* Mathematics 6a or 6.

9a. DIFFERENTIAL AND INTEGRAL CALCULUS.—(Second course). Definite integrals; formation of problems in applied mathematics; line, surface, and volume integrals. I; (2). Dr. GREEN, Dr. STEIMLEY, Dr. CAMP, Dr. STETSON  
*Prerequisite:* Mathematics 7 and 9 (or 8a-b).

19. SOLID ANALYTIC GEOMETRY.—Designed to furnish geometric training needed in parts of Mathematics 9 and also as a continuation of Mathematics 6. It may be taken in connection with Mathematics 9. II; (3). Professor COBLE  
*Prerequisite:* Mathematics 7 or 8a.

# COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

10. THEORY OF EQUATIONS AND DETERMINANTS.—Properties of an algebraic equation in one unknown; systems of simultaneous equations; a system of linear equations; determinants. I; (3). Professor MILLER  
*Prerequisite:* Mathematics 7 and 9 (or 8a-b).

16-17. DIFFERENTIAL EQUATIONS AND ADVANCED CALCULUS.—Ordinary and partial differential equations; special topics of calculus. I, II; (3). Professor TOWNSEND  
*Prerequisite:* Mathematics 7 and 9 (or 8a-b).

18. CONSTRUCTIVE AND PROJECTIVE GEOMETRY.—Methods of geometric constructions and constructive solution of problems. II; (3). Associate Professor EMCH  
*Prerequisite:* Mathematics 7 and 9 (or 8a-b).

20. GRAPHICAL AND NUMERICAL METHODS.—Representation of functions; graphical and numerical differentiation, integration, and solution of differential equations; approximate solution of algebraic and transcendental equations. II; (3). Assistant Professor BLUMBERG  
*Prerequisite:* Mathematics 7 and 9 (or 8a-b).

22. STATISTICS.—Graphical exhibition of data; kinds of averages; frequency distributions; measures of dispersion, applications of theory of probability. I; (3). Assistant Professor CRATHORNE  
*Prerequisite:* Mathematics 2; junior standing.

23. MATHEMATICS OF FINANCE.—Interest and discount; annuities; sinking funds; bonds; building and loan associations; probability. II; (3). Assistant Professor CRATHORNE, Dr. GREEN, Dr. BRAHANA, Dr. STETSON, Dr. CAMP, Dr. STOWELL.  
*Prerequisite:* Mathematics 2; junior standing.

30-31. ACTUARIAL THEORY.—Life contingencies; life tables; monetary tables; inheritance taxes; pensions; compensation; investing the funds of an insurance company. I, II; (3). Assistant Professor CRATHORNE  
*Prerequisite:* Mathematics 7 and 9 (or 8a-b), 23.

[32. HISTORY OF MATHEMATICS.—Biography. Lectures; reports. II; (3). Not given in 1923-24. Assistant Professor LYTLE  
*Prerequisite:* Eighteen hours of mathematics, including Mathematics 7, 9.]

35. TEACHERS' COURSE.—Secondary algebra and geometry; educational value; methods of teaching. Lectures; discussions; reports. I; (3). Assistant Professor LYTLE  
*Prerequisite:* Eighteen hours of mathematics, including Mathematics 7, 9.

40. FUNDAMENTAL CONCEPTS OF MATHEMATICS.—The number concept; irrationals and limits; parallel axiom and non-euclidian geometries; constructions; function; logic of mathematics. II; (3). Assistant Professor LYTLE  
*Prerequisite:* Eighteen hours of mathematics, including Mathematics 7, 9.

90. UNDERGRADUATE THESIS.—Special training in mathematical investigation for seniors. I, II; (2). Members of the Department  
*Prerequisite:* Twenty-four hours of college mathematics.



91. INTRODUCTION TO MODERN MATHEMATICS.—Fruitful ideas and methods in modern mathematics. I, II; (2). Assistant Professor BLUMBERG  
*Prerequisite:* Twenty hours of college mathematics.

## COURSES FOR GRADUATES

Students entering on graduate study with a major in mathematics must have had twenty-five semester hours of undergraduate work in mathematics, including a year's course in calculus, and a course in theory of equations or in differential equations.

100. SEMINAR AND THESIS.—I, II; (1 or 2 units). Professors in Department
- [101. FUNCTIONS OF REAL VARIABLES.—(Introductory.) I, II; (1 unit). Not given in 1923-24. Professor TOWNSEND]
102. FUNCTIONS OF A COMPLEX VARIABLE.—I, II; (1 unit). Professor TOWNSEND
105. CALCULUS OF VARIATIONS.—Conditions for a maximum or minimum in simple and isoperimetric problems. II; (1 unit). Assistant Professor WAHLIN
- [109. ALGEBRAIC AND ABELIAN FUNCTIONS.—I, II; (1 unit). Not given in 1923-24. Professor COBLE]
- [110. ELLIPTIC FUNCTIONS.—I, II; (1 unit). Not given in 1923-24. Professor CARMICHAEL]
- [111. AUTOMORPHIC FUNCTIONS.—I, II; (1 unit). Not given in 1923-24. Associate Professor EMCH]
112. THEORY OF LINEAR DIFFERENCE EQUATIONS.—Introduction; gamma functions; general existence theorems; expansions in functions; transcendently transcendental functions. I, II; (1 unit). Professor CARMICHAEL
- [113. LINEAR DIFFERENTIAL EQUATIONS.—I, II; (1 unit). Not given in 1923-24. Professor CARMICHAEL]
- [122. MODERN ALGEBRA.—I, II; (1 unit). Not given in 1923-24. Assistant Professor WAHLIN]
124. THEORY OF NUMBERS.—I: Congruences, power residues. II: Algebraic numbers, domains of rationality, theory of ideals. I, II; (1 unit). Assistant Professor KEMPNER
- [126. THEORY OF GROUPS.—I, II; (1 unit). Not given in 1923-24. Professor MILLER]
127. THEORY OF GROUPS.—Advanced course. I, II; (1 unit). Professor MILLER
- [129. THEORY OF STATISTICS.—I, II; (1 unit). Not given in 1923-24. Assistant Professor CRATHORNE]
131. ALGEBRAIC SURFACES.—Projective spaces and forms. Surfaces and curves in space. Cremona transformations. Riemannian geometry. I, II; (1 unit). Assistant Professor EMCH
132. PROJECTIVE GEOMETRY.—I, II; (1 unit). Professor COBLE
- [133. GEOMETRIC TRANSFORMATIONS.—I; (1 unit). Not given in 1923-24. Associate Professor EMCH]
- [134. GEOMETRY IN A COMPLEX FIELD.—II; (1 unit). Not given in 1923-24. Associate Professor EMCH]
- [135. DIFFERENTIAL GEOMETRY.—I, II; (1 unit). Not given in 1923-24. Professor COBLE]
141. VECTOR CALCULUS.—The algebras applicable to three-dimensional flat space, space analysis, quaternions, and dyadics of Gibbs. II: Space of  $N$  dimensions, general differential and integral operators. General dyadics. I, II; (1 unit). Professor SHAW
- [143. LINEAR ALGEBRA.—I, II; (1 unit). Not given in 1923-24. Professor SHAW]
- [145. LINEAR OPERATORS.—I, II; (1 unit). Not given in 1923-24. Professor SHAW]

SUMMER SESSION COURSES

The department of mathematics offers at least five courses each summer for graduates and advanced undergraduates, and these courses will be so varied as to enable advanced students to secure a suitable sequence during four or five successive summer sessions to meet the requirements for at least the master's degree. Three of these five courses are of an intermediate grade, open to advanced undergraduates as well as to graduates, while the other two are primarily for graduate students.

The intermediate courses are for the present to be devoted to the following six subjects: Theory of equations and determinants, advanced calculus, constructive geometry, advanced algebra, differential equations, and advanced analytic geometry. It is proposed to give a course on each of these subjects every two years.

The prerequisites and credit values are the same as for these courses in the regular semesters unless otherwise stated.

COURSES FOR UNDERGRADUATES

- |                                 |  |
|---------------------------------|--|
| S2. COLLEGE ALGEBRA.—(3).       | Assistant Professors CRATHORNE, WAHLIN |
| S4. PLANE TRIGONOMETRY.—(2).    | Dr. RUTLEDGE, Dr. BRAHANA              |
| S6. ANALYTIC GEOMETRY.—(5).     | Mr. BENNETT, Mr. MARTIN                |
| S7. DIFFERENTIAL CALCULUS.—(5). | Dr. HASEMAN                            |
| S8. INTEGRAL CALCULUS.—(3).     |  |

Professor CARMICHAEL, Assistant Professor KEMPNER

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

- S10. THEORY OF EQUATIONS AND DETERMINANTS.—Determinants; systems of linear equations; algebraic equations. Assistant Professor WAHLIN

*Prerequisite:* Mathematics 9 or 9a.

- S17. ADVANCED CALCULUS.—Topics from calculus and analysis. Dr. RUTLEDGE

*Prerequisite:* Mathematics 7 and 9.

- S18. PROJECTIVE GEOMETRY.—Elements of synthetic and analytic projective geometry with applications to conics and quadratics. Dr. BRAHANA

*Prerequisite:* Mathematics 7 and 9.

- S24. MATHEMATICS OF STATISTICS.—Theory of averages, dispersion, and correlation. Statistical investigation. Applications to problems in education. Assistant Professor CRATHORNE

*Prerequisite:* Mathematics 7 and 9.

COURSES FOR GRADUATES

- |  |                             |
|--|-----------------------------|
| S102. FUNCTIONS OF A COMPLEX VARIABLE.—(1 unit). | Assistant Professor KEMPNER |
| S110. ELLIPTIC FUNCTIONS.—(1 unit).              | Professor CARMICHAEL        |

MECHANICAL ENGINEERING

Professors WILLARD, GOODENOUGH, BENEDICT, LEUTWILER; Associate Professors POLSON, HAM, MACINTIRE; Assistant Professors SEVERNS, RIDDELL, KENNEDY, CASBERG; Mr. HENWOOD, Mr. CROFT, Mr. ARNOLD, Mr. LANHAM, Mr. HALL, Mr. CRANE, Mr. DEGLER, Mr. GOFF, Mr. ESPY, Mr. SCHRICKER, Mr. STARR, Mr. WRIGHT, Mr. SCHROEDER, Mr. HAUGHTON, Mr. TAYLOR, Mr. PARKER.

COURSES FOR UNDERGRADUATES

1. STEAM AND AIR MACHINERY.—Construction, operation, and care of boilers, engines, and air compressors. (For students in chemical, civil, and mining engineering). 1; (3).

Associate Professor POLSON, Assistant Professor SEVERNS, Mr. ESPY

*Prerequisite:* Junior standing.

2. STEAM ENGINEERING.—Engines, boilers, pumps, condensers, etc. II; (3).

Associate Professor POLSON, Mr. ARNOLD, Mr. CROFT, Mr. DEGLER  
*Prerequisite:* Physics 1a-1b, 3a-3b.

3. STEAM ENGINEERING.—The steam power plant and auxiliaries. (For students in electrical and general engineering). I; (3).

Associate Professor POLSON, Mr. ARNOLD, Mr. CROFT  
*Prerequisite:* M. E. 10 with concurrent registration in M. E. 61 for electrical engineers and railway electrical engineers. M. E. 10 for general engineers.

6. STEAM ENGINEERING.—The steam engine, steam turbine, and other steam machinery. (For students in mechanical engineering.) I; (4).

Associate Professor POLSON, Mr. ARNOLD, Mr. CROFT  
*Prerequisite:* Junior standing; M. E. 13; registration in M. E. 16.

7. INTERNAL COMBUSTION ENGINES.—Operation and design. I; (3).

Associate Professor POLSON  
*Prerequisite:* Senior standing; M. E. 4, 16, 64.

10. THERMODYNAMICS AND HEAT ENGINES.—Transformation of heat into work; the second law, irreversible processes; properties of media; applications. (For students in electrical and general engineering.) II; (3). Associate Professor MACINTIRE, Mr. GOFF

*Prerequisite:* Physics 1 and 3; Mathematics 9.

13. THERMODYNAMICS.—Transformation of heat into work; the second law; properties of heat media; perfect gases; saturated and superheated vapors; flow of fluids. I; (3).

Professor GOODENOUGH  
*Prerequisite:* Mathematics 9; Theoretical and Applied Mechanics 21.

15. HEAT ENGINEERING.—Advanced internal combustion engines; thermodynamics of combustion; selected topics. II; (3).

Professor GOODENOUGH  
*Prerequisite:* Mechanical Engineering 16.

16. THERMODYNAMICS.—The steam engine, steam turbine, internal combustion engine, air compression, and refrigeration. II; (2).

Professor GOODENOUGH  
*Prerequisite:* Mechanical Engineering 13.

17. REFRIGERATION ENGINEERING.—Mechanical cooling in industrial processes. I; (3).

Associate Professor MACINTIRE  
*Prerequisite:* Senior standing in Mechanical Engineering.

23. MECHANICAL EQUIPMENT OF BUILDINGS.—Heating and ventilation, refrigeration, fire protection, vacuum cleaning, elevators, lighting, and small power plants. Lectures; laboratory. I; (5).

Professor WILLARD, Assistant Professor SEVERNS, Mr. ARNOLD  
*Prerequisite:* Senior standing.

25. HEATING AND VENTILATION FOR ARCHITECTS.—Direct and indirect heating; ventilation and air analysis; air conditioning. I; (2).

Professor WILLARD, Assistant Professor SEVERNS  
*Prerequisite:* Senior standing.

28. HEATING AND VENTILATION.—Steam boilers and water heaters; direct and indirect heating; gravity systems; district heating; ventilation and air analysis; air conditioning. II; (4).

Professor WILLARD, Assistant Professor SEVERNS  
*Prerequisite:* Mechanical Engineering 65.

31. MECHANICS OF MACHINERY.—Cams, gears; graphical constructions; kinetics; balancing, critical speeds; force and mass reduction. I; (5).

Associate Professor HAM, Mr. CRANE, Mr. TAYLOR  
*Prerequisite:* Theoretical and Applied Mechanics 21.

33. AERONAUTICAL ENGINEERING.—Aerodynamic principles in airplane design. II; (3).

Assistant Professor RIDDELL  
*Prerequisite:* Senior standing.

34. AERONAUTICAL ENGINEERING.—Loads and stresses; materials and methods of construction. II; (3). Assistant Professor RIDDELL  
*Prerequisite:* Mechanical Engineering 33; Theoretical and Applied Mechanics 21 and 29, or 25.

37. PRINCIPLES OF MANAGEMENT.—Selection, training, and compensation of labor; modern production methods. I or II; (3). Professor BENEDICT  
*Prerequisite:* Mechanical Engineering 87, 88; senior standing.

40. MECHANICAL ENGINEERING DESIGN.—Design of machinery subjected to heavy and variable stresses. II; (3).  
 Professor LEUTWILER, Professor HAM, Mr. HENWOOD, Mr. CRANE, Mr. TAYLOR  
*Prerequisite:* Theoretical and Applied Mechanics 29; Mechanical Engineering 31.

41. MECHANICAL ENGINEERING DESIGN.—Continuation of Course 40. I; (4).  
 Professor LEUTWILER, Mr. HENWOOD, Mr. TAYLOR  
*Prerequisite:* Mechanical Engineering 40.

52. POWER PLANT DESIGN.—II; (3).  
 Professor LEUTWILER, Mr. HENWOOD, Mr. TAYLOR  
*Prerequisite:* Mechanical Engineering 43 and 65.

61. POWER MEASUREMENT.—Testing and calibration; the indicator, calculation of horse-power and steam consumption; valve setting. (For students in electrical engineering.) I; (2). Associate Professor POLSON, Mr. ARNOLD, Mr. CROFT, Mr. DEGLER, Mr. ESPY  
*Prerequisite:* Mechanical Engineering 1, 2 or 3. Concurrent registration in M. E. 3 for electrical and railway electrical engineers.

62. POWER MEASUREMENT AND STEAM ENGINES.—Laboratory, supplemented by lectures on steam machinery. II; (3). Associate Professor POLSON, Assistant Professor SEVERNS, Mr. DEGLER  
*Prerequisite:* Junior standing.

64. POWER MEASUREMENT.—Apparatus for engine and boiler tests; calibration; tests for horse-power of steam engines; pumps; gas engines. Reports. II; (3). Associate Professor POLSON, Assistant Professor SEVERNS, Mr. ARNOLD, Mr. CROFT, Mr. DEGLER, Mr. ESPY, Mr. PARKER.  
*Prerequisite:* Registration in Mechanical Engineering 6 and 16 for Mechanical Engineers and Mechanical Engineering 3 for General Engineers.

65. POWER LABORATORY.—Experiments on engines, turbines, gas engines, pumps, boilers, injectors, air compressors, heating apparatus, and refrigerating machines. I; (3). Associate Professor POLSON, Assistant Professor SEVERNS, Mr. CROFT, Mr. ARNOLD, Mr. DEGLER, Mr. ESPY, Mr. PARKER.  
*Prerequisite:* Mechanical Engineering 16 and 64.

71. FORGE WORK FOR AGRICULTURAL STUDENTS.—Forging and welding, tempering tools; pointing and hardening. Six hours a week, either half of I or II; (1). Mr. LANHAM

73. WOODWORK FOR AGRICULTURAL STUDENTS.—Carpentry; use of tools; building joints; repairs. Six hours a week, either half of I or II; (1). Mr. HALL, Mr. WRIGHT

85-86. PATTERN AND FOUNDRY LABORATORY.—Wood and metal patterns; floor, bench, and machine moldings; foundry management; work operation; core making; brass furnace and cupola practice; tool and stock room methods. M. E. 85, I; (3), M. E. 86, II; (3). Professor BENEDICT, Assistant Professor KENNEDY, Mr. HALL, Mr. WRIGHT, Mr. HAUGHTON, Mr. SCHROEDER.

87-88. MACHINE AND FORGE LABORATORY.—Machine tools for duplicate production of parts; work operation; investigations of machine tool performance with dynamometers; heat treatment of steel. M. E. 87, I; (3). M. E. 88, II; (3). Professor BENEDICT, Assistant Professor CASBERG, Mr. LANHAM, Mr. SCHRICKER, Mr. STARR.  
*Prerequisite:* Mechanical Engineering 85 and 86, or equivalent.

97-98. **THESIS.**—Investigation of special subject and preparation of thesis embodying review of the literature; discussion of results. I or II; (3).

99. **INSPECTION TRIP.**—I; (no credit).  
*Prerequisite:* Senior standing.

#### COURSES FOR GRADUATES

Entrance on graduate work in mechanical engineering presupposes the full undergraduate course in that subject.

107. **THERMODYNAMICS.**—Application of thermodynamics to the solution of physical and engineering problems. I; (1 unit). Professor GOODENOUGH

109. **MACHINE DESIGN.**—Rational design; the application of mechanics of materials. Individual problems. I or II; (1 unit). Professor LEUTWILER

112. **LABORATORY INVESTIGATIONS.**—Combustion of fuel, boiler economy; steam engines and turbines; gas engines and producers; explosive mixtures; mechanical refrigeration. Original work. I or II; (1½ units). Professor WILLARD

114. **MECHANICS OF MACHINERY.**—Advanced problems. (1 unit). Professor GOODENOUGH

#### MECHANICS, THEORETICAL AND APPLIED

Professors TALBOT, MOORE, ENGER, SEELY; Assistant Professors FLEMING, ENSIGN, PUTNAM, WESTERGAARD, RICHART, DRAFFIN; Mr. LARSON, Mr. SCHWALBE, Mr. OSGOOD, Mr. FINEMAN, Mr. GREEMAN.

#### COURSES FOR UNDERGRADUATES

10. **HYDRAULICS.**—Pressure and flow of water; utilization as motive power; measurements; power and efficiency; determination of experimental coefficients. Laboratory weekly. II; (3). Professor ENGER, Assistant Professors FLEMING, ENSIGN, PUTNAM  
*Prerequisite:* Mathematics 9; Theoretical and Applied Mechanics 21.

14. **ELEMENTS OF MECHANICS.**—Kinematics, kinetics, and statics. (For architects and others who have not taken the calculus.) II; (4). Mr. LARSON  
*Prerequisite:* Mathematics 2, 4.

15-16. **STRENGTH OF MATERIALS.**—Graphical methods; elastic curve of beams; centroids and inertia of areas; reinforced concrete beams and columns; tests of materials. (For students in architecture and others without the prerequisites for course 25 or 29.) Laboratory. I, II; (3). Assistant Professor DRAFFIN  
*Prerequisite:* Theoretical and Applied Mechanics 14.

20. **ANALYTICAL MECHANICS.**—Force systems, equilibrium, centroids and center of gravity; friction; kinematics; problems. II; (3). Professor SEELY; Assistant Professors FLEMING, ENSIGN, PUTNAM, WESTERGAARD, DRAFFIN; Mr. OSGOOD, Mr. FINEMAN, Mr. GREEMAN.  
*Prerequisite:* Mathematics 7; registration in Mathematics 9. (Mathematics 8a and registration in Mathematics 8b for students in chemical engineering and industrial administration.)

21. **ANALYTICAL MECHANICS.**—Continuation of course 20. Kinematics and kinetics. I; (2). Professors ENGER, SEELY; Assistant Professors ENSIGN, PUTNAM, WESTERGAARD; Mr. LARSON, Mr. SCHWALBE, Mr. OSGOOD.  
*Prerequisite:* Mathematics 8b or 9; Theoretical and Applied Mechanics 20.

25. RESISTANCE OF MATERIALS.—Abbreviation of course 29. (For students in architectural, ceramic, chemical, electrical, and mining engineering.) I; (4).

Assistant Professors FLEMING, ENSIGN, PUTNAM, WESTERGAARD, DRAFFIN; Mr. LARSON, Mr. SCHWALBE, Mr. OSGOOD, Mr. FINEMAN, Mr. GREEMAN.

*Prerequisite:* Mathematics 9; Theoretical and Applied Mechanics 20.

26. ANALYTICAL MECHANICS AND HYDRAULICS.—Kinematics, kinetics, and hydraulics; problems; hydraulic laboratory. (For students in architectural, electrical, and mining engineering.) Laboratory weekly during the last half of the semester. II; (4).

Assistant Professors FLEMING, PUTNAM; Mr. LARSON, Mr. SCHWALBE, Mr. OSGOOD.

*Prerequisite:* Theoretical and Applied Mechanics 25.

29. RESISTANCE OF MATERIALS.—Mechanics of materials; properties and requirements for materials of construction; specifications and standard tests. (For students in civil, mechanical, and municipal and sanitary engineering.) Recitations; lectures; reading. Laboratory weekly. I; (5).

Professors TALBOT, ENGER, SEELY; Assistant Professors FLEMING, ENSIGN, PUTNAM; Mr. OSGOOD, Mr. GREEMAN.

*Prerequisite:* Mathematics 9; registration in Theoretical and Applied Mechanics 21.

36. ANALYTICAL MECHANICS.—The portion of course 26 devoted to analytical mechanics. (Open only to railway electrical engineering students.) II; (2).

Assistant Professor PUTNAM

*Prerequisite:* Theoretical and Applied Mechanics 25.

#### COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

[1. ANALYTICAL MECHANICS.—Especially for graduates and advanced undergraduates in Arts and Sciences. I; (3). Not given in 1923-24. Assistant Professor ENSIGN

*Prerequisite:* Mathematics 8 or 9.]

2. ANALYTICAL MECHANICS.—(A continuation of Theoretical and Applied Mechanics 2.) II; (3). Assistant Professor ENSIGN

*Prerequisite:* Theoretical and Applied Mechanics 1.

41. ADVANCED MECHANICS OF MATERIALS.—Special problems met in engineering. I; (3). Professor SEELY

*Prerequisite:* Theoretical and Applied Mechanics 20, and 25 or 29.

42. PROPERTIES OF ENGINEERING MATERIALS: SPECIFICATIONS AND INSPECTION.—Properties and uses of materials of construction. Standard specifications for materials; methods of inspection. II; (2). Professor SEELY

*Prerequisite:* Theoretical and Applied Mechanics 20, and 25 or 29.

44. LABORATORY WORK IN TESTING MATERIALS.—Testing machines and strain measuring apparatus; practice in making standard tests in tension, compression, and flexure. II; (3). Professor MOORE

*Prerequisite:* Theoretical and Applied Mechanics 20, and 25 or 29.

45. ADVANCED TECHNICAL STATICS.—Deformation of structures; graphical and algebraic methods of analysis; virtual work, substitute structure, slope-deflection, etc. I; (3). Assistant Professor WESTERGAARD

*Prerequisite:* Theoretical and Applied Mechanics 20, and 25 or 29 or approved work in physics and mathematics.

46. ADVANCED TECHNICAL STATICS.—Mechanics of elastic materials; moment-area principles, graphical analysis of continuous beams, fundamental equations of elasticity, analysis of slabs. II; (2). Assistant Professor WESTERGAARD

*Prerequisite:* Theoretical and Applied Mechanics 20, and 25 or 29 or approved work in physics and mathematics.

#### COURSES FOR GRADUATES

Entrance on graduate work in theoretical and applied mechanics presupposes a full undergraduate course in that subject.

101. ANALYTICAL MECHANICS.—Historical development of methods of analysis; advanced problems in statics and dynamics; critical and comparative study of texts. I; (1 unit). Professor MOORE

102. RESISTANCE OF MATERIALS.—Analysis and investigation in mechanics of materials; properties of materials used in engineering construction. II; (1 unit). Professor MOORE

103. HYDRAULICS AND HYDRAULIC ENGINEERING.—Hydraulic power and its development; design and investigation. II; ( $\frac{1}{2}$  to 1 unit). Professor ENGER

104. EXPERIMENTAL WORK IN THE LABORATORY OF APPLIED MECHANICS.—(a). Investigation in the materials-testing laboratory; (b) experimental work in hydraulic laboratory. I, II; ( $\frac{1}{2}$  to 1 unit). Professors TALBOT, MOORE, ENGER

105. EXPERIMENTAL AND ANALYTICAL WORK IN REINFORCED CONCRETE.—Research; interpretation of results and their application to the design of structures; construction. I, II; (1 to 2 units). Professor TALBOT

#### SUMMER SESSION COURSES

S20. ANALYTICAL MECHANICS.—(3). Assistant Professor ENSIGN  
Prerequisite: Mathematics 7; registration in Mathematics 9.

S21. ANALYTICAL MECHANICS.—(3). Assistant Professor ENSIGN  
Prerequisite: Mathematics 9; Theoretical and Applied Mechanics 20.

S25. RESISTANCE OF MATERIALS.—(4). Assistant Professor PUTNAM  
Prerequisite: Mathematics 9; Theoretical and Applied Mechanics 20.

#### COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

S41. ADVANCED MECHANICS OF MATERIALS.—(3). Professor SEELY  
Prerequisite: Theoretical and Applied Mechanics 20, and 25 or 29.

S42. PROPERTIES OF MATERIALS.—(2). Professor SEELY  
Prerequisite: Theoretical and Applied Mechanics 20, and 25 or 29.

S44. LABORATORY WORK IN TESTING MATERIALS.—(3). Professor MOORE  
Prerequisite: Theoretical and Applied Mechanics 20, and 25 or 29.

#### MEDICINE

(See under COLLEGE OF MEDICINE.)

#### METEOROLOGY

(See GEOLOGY.)

#### MINERALOGY

(See GEOLOGY.)

#### MILITARY SCIENCE

Professor MERRY; Associate Professors POOL, BURR, ATKINS; Assistant Professors MENOHER, EHLERT, BAKER, STARLINGS, RUMBUGH, WHITESIDES, ALEXANDER, SHELTON, NEVINS, ATWELL, NORRIS, MALLETT, O'KEEFE; Mr. NEWMAN, Mr. DALFERES, Mr. GOLDEN, Mr. FOSTER, Mr. PINSSENSHAUM, Mr. HUGHES

#### FRESHMAN INFANTRY

1a-2a. PRACTICAL.—Organization; military courtesy and discipline; drill regulations; disciplinary gymnastics; gallery practice; range practice; scouting and patrolling. I, II; ( $\frac{1}{2}$ ).

Associate Professor POOL; Assistant Professors EHLERT, BAKER, STARLINGS, NORRIS; Mr. GOLDEN.

1b-2b. THEORETICAL.—Infantry drill regulations; arms and equipment; rifle marksmanship; military policy; personal hygiene; first aid; sanitation; military courtesy and customs. I, II; ( $\frac{1}{2}$ ).

Associate Professor POOL; Assistant Professors EHLERT, BAKER, STARLINGS, NORRIS; Mr. GOLDEN.

#### SOPHOMORE INFANTRY

3a-4a. PRACTICAL.—Infantry weapons; command and leadership; musketry; topography. I, II; ( $\frac{1}{2}$ ).

Professor MERRY; Associate Professor POOL; Assistant Professors EHLERT, BAKER, STARLINGS, NORRIS; Mr. GOLDEN.

3b-4b. THEORETICAL.—Topography and map reading; military policy; first aid and camp sanitation. I, II; ( $\frac{1}{2}$ ).

Associate Professor POOL; Assistant Professors EHLERT, BAKER, STARLINGS, NORRIS; Mr. GOLDEN.

#### JUNIOR INFANTRY

5a-6a. PRACTICAL.—Duties of officers, including all subjects in 1a-2a, 3a-4a; accompanying weapons. I, II; ( $\frac{1}{2}$ ).

Professor MERRY; Associate Professor POOL; Assistant Professors EHLERT, BAKER, STARLINGS; Mr. GOLDEN.

5b-6b. THEORETICAL.—Musketry; accompanying weapons; international and military law; field engineering. I, II; (1).

Associate Professor POOL; Assistant Professors EHLERT, BAKER, STARLINGS, NORRIS; Mr. GOLDEN.

#### JUNIOR INFANTRY

(For students who have had previous ROTC Training. See MILITARY SCIENCE, page 186)

5c-6c. PRACTICAL.—Accompanying weapons, including the functioning of machine gun and howitzer companies. I, II; ( $\frac{1}{2}$ ).

Professor MERRY; Associate Professor POOL; Assistant Professors BAKER, STARLINGS; Mr. GOLDEN.

5d-6d. THEORETICAL.—Accompanying weapons; law; field engineering. I, II; (1).

Professor MERRY; Associate Professor POOL; Assistant Professors BAKER, STARLINGS; Mr. GOLDEN.

#### SENIOR INFANTRY

7a-8a. PRACTICAL.—Duties of officers, including advanced work in subjects 5a-6a and 5b-6b; solution of problems in musketry and minor tactics. I, II; ( $\frac{1}{2}$ ).

Professor MERRY; Associate Professor POOL; Assistant Professors EHLERT, BAKER, STARLINGS; Mr. GOLDEN.

7b-8b. THEORETICAL.—Company administration; military history and policy of the United States; study of the World War; minor tactics. I, II; (1).

Professor MERRY, Associate Professor POOL, Assistant Professor EHLERT

#### SENIOR INFANTRY

(For students who have had previous ROTC Training. See MILITARY SCIENCE, page 186.)

7c-8c. PRACTICAL.—Continuation of subjects given in 5c-6c, especially the duties of non-commissioned officers. I, II; ( $\frac{1}{2}$ ).

Professor MERRY; Associate Professor POOL; Assistant Professors EHLERT, BAKER; Mr. GOLDEN.

7d-8d. THEORETICAL.—Minor tactics; military history of the United States; administration. I, II; (1).

Professor MERRY, Associate Professor POOL, Assistant Professor EHLERT



## FRESHMAN FIELD ARTILLERY

11a-12a. PRACTICAL.—Drill regulations, fundamental military sciences; pistol practice; field artillery material. Equitation and drivers' instruction. I, II; ( $\frac{1}{2}$ ).

Associate Professor BURR, Assistant Professor ALEXANDER, Mr. FOSTER, Mr. DALFERES.

11b-12b. THEORETICAL.—Drill regulations; fundamental military science; field artillery material, elementary gunnery, hippology (guard duty). I, II; ( $\frac{1}{2}$ ).

Associate Professor BURR, Assistant Professor ALEXANDER, Mr. FOSTER, Mr. DALFERES.

## SOPHOMORE FIELD ARTILLERY

13a-14a. PRACTICAL.—Drill regulations, topography and reconnaissance, use of fire control instruments; field artillery material; tractor driving; equitation; mounted drill. I, II; ( $\frac{1}{2}$ ).

Associate Professor BURR; Assistant Professors ALEXANDER, MALLETT; Mr. FOSTER, Mr. DALFERES.

13b-14b. THEORETICAL.—Gunnery, topography, and reconnaissance; ordnance; artillery materials; tractors; drill and service regulations; hippology. I, II; ( $\frac{1}{2}$ ).

Associate Professor BURR; Assistant Professors ALEXANDER, MALLETT; Mr. FOSTER, Mr. DALFERES.

## JUNIOR FIELD ARTILLERY

15aa-16aa. PRACTICAL.—See description under 13a-14a. I, II; ( $\frac{1}{2}$ ).

Associate Professor BURR; Assistant Professors ALEXANDER, MALLETT; Mr. FOSTER, Mr. DALFERES.

15bb-16bb. THEORETICAL.—Combination of 13b and 15b.

Associate Professor BURR; Assistant Professors ALEXANDER, MALLETT; Mr. FOSTER, Mr. DALFERES.

(For specially selected students who have completed one year of Field Artillery training and who have had two years' instruction in Junior R. O. T. C. training prior to entering the University). See MILITARY SCIENCE (page 186).

15a-16a. PRACTICAL.—See description under 13a-14a. I, II; ( $\frac{1}{2}$ ).

Associate Professor BURR; Assistant Professors ALEXANDER, MALLETT

15b-16b. THEORETICAL.—Gunnery; conduct of fire; topography, reconnaissance; liaison and communication; ordnance; artillery material; tractors; drill and service regulations; hippology. I, II; (1).

Associate Professor BURR; Assistant Professors ALEXANDER, MALLETT; Mr. FOSTER, Mr. DALFERES.

## SENIOR FIELD ARTILLERY

17a-18a. PRACTICAL.—Drill regulations; conduct and observation of fire, smoke, bombs; reconnaissance and tactics; equitation; mounted drill. Duties of officers. I, II; ( $\frac{1}{2}$ ).

Associate Professor BURR, Assistant Professor ALEXANDER, Mr. FOSTER, Mr. DALFERES.

17b-18b. THEORETICAL.—Reconnaissance; field engineering and fortifications; military law, military history of the United States rules of land warfare; army administration. I, II; (1).

Associate Professor BURR; Assistant Professors ALEXANDER, MALLETT; Mr. FOSTER, Mr. DALFERES.

## FRESHMAN CAVALRY

21a-22a. PRACTICAL.—School of the trooper, mounted and dismounted; care of horses and equipment; rifle marksmanship; swordmanship; scouting, patrolling; cavalry pack. I, II; ( $\frac{1}{2}$ ).

Assistant Professor MENOHER

21b-22b. THEORETICAL.—Discipline and courtesy; rifle marksmanship; cavalry drill; scouting, patrolling. I, II; ( $\frac{1}{2}$ ). Assistant Professor MENOHER

#### SOPHOMORE CAVALRY

23a-24a. PRACTICAL.—Equitation; drill; pistol marksmanship; command and leadership; musketry; map reading and sketching. I, II; ( $\frac{1}{2}$ ). Assistant Professor O'KEEFE

23b-24b. THEORETICAL.—Discipline and courtesy; cavalry drill; hygiene and first aid; topography; pistol marksmanship. I, II; ( $\frac{1}{2}$ ). Assistant Professor O'KEEFE

#### JUNIOR CAVALRY

25a-26a. PRACTICAL.—Equitation; machine gun and auto rifle marksmanship; command and leadership; polo. I, II; ( $\frac{1}{2}$ ). Assistant Professor ATWELL

25b-26b. THEORETICAL.—Military law; communications; field engineering; minor tactics; hippology; drill. I, II; (1). Assistant Professor ATWELL

#### SENIOR CAVALRY

27a-28a. PRACTICAL.—Command and leadership; equitation; polo. I, II; ( $\frac{1}{2}$ ). Assistant Professor O'KEEFE

27b-28b. THEORETICAL.—Military history; administration; packing; minor tactics. I, II; (1). Assistant Professor O'KEEFE

#### FRESHMAN ENGINEERS

31a-32a. PRACTICAL.—Organization; courtesy and discipline; infantry drill; arms and equipment; guard duty; gallery and range practice; knots; lashings; trenches; bridges. I, II; ( $\frac{1}{2}$ ). Mr. NEWMAN

31b-32b. THEORETICAL.—Infantry drill regulations; theory of target practice; morale; duties of engineer troops; topography; bridge construction; fortification. I, II; ( $\frac{1}{2}$ ). Mr. NEWMAN

#### SOPHOMORE ENGINEERS

33a-34a. PRACTICAL.—Review of subjects given in 31a-32a; field fortification; automatic weapons; gallery practice; sketching; demolitions. I, II; ( $\frac{1}{2}$ ). Associate Professors ATKINS

33b-34b. THEORETICAL.—Infantry drill regulations; hygiene; sanitation; first aid; automatic weapons; grenades; musketry; map reading, military sketching; demolitions. I, II; ( $\frac{1}{2}$ ). Associate Professor ATKINS, Mr. NEWMAN

#### JUNIOR ENGINEERS

35a-36a. PRACTICAL.—Duties of officers; bridges; railroads and roads; military law; machine guns and howitzers; field engineering. I, II; ( $\frac{1}{2}$ ). Associate Professor ATKINS, Mr. NEWMAN

35b-36b. THEORETICAL.—Field engineering; military law; machine gun and howitzers; minor tactics. *Three hours a week.* (1) Or, one hour a week of military science ( $\frac{1}{2}$ ), and two hours a week of a technical elective in the College of Engineering (for which credit will be given in that college). I, II. Associate Professor ATKINS, Mr. NEWMAN

#### SENIOR ENGINEERS

37a-38a. PRACTICAL.—Duties of officers; instruction in basic course; general construction; minor tactics; mechanical equipment and ordnance. I, II; ( $\frac{1}{2}$ ). Associate Professor ATKINS, Mr. NEWMAN

37b-38b. THEORETICAL.—Military administration and supply; policy; history; general construction; minor tactics; mechanical equipment and ordnance. *Three hours a week.* (1) Or, one hour a week of military science ( $\frac{1}{2}$ ), and two hours a week of technical elective in the College of Engineering (for which credit will be given in that college). I, II. Associate Professor ATKINS, Mr. NEWMAN

## FRESHMAN SIGNAL CORPS

41a-42a. PRACTICAL.—Signal corps drill, dismounted; laying field wire; field telephones and switchboards; wig wag; signalling; pistol range practice; field radio telephony and telegraphy. I, II; ( $\frac{1}{2}$ ). Assistant Professor RUMBOUGH

41b-42b. THEORETICAL.—Signal corps drill, dismounted; schools of the soldier, squad, platoon, and company; ceremonies; splicing field wire; buzzer practice. I, II; ( $\frac{1}{2}$ ). Assistant Professor RUMBOUGH

## SOPHOMORE SIGNAL CORPS

43a-44a. PRACTICAL.—Plane table sketching; operation of message center; coding and recording messages; calibrating field radio sets by wavemeter; radio net operation. I, II; ( $\frac{1}{2}$ ). Assistant Professor RUMBOUGH

43b-44b. THEORETICAL.—Plane table sketching; codes and ciphers; message center technic; radio telegraphy and telephony; the automatic telephone switchboard; wire axis installation and maintenance within a division. I, II; ( $\frac{1}{2}$ ). Assistant Professor RUMBOUGH

## JUNIOR SIGNAL CORPS

45a-46a. PRACTICAL.—All members of this class are officers or non-commissioned officers of the freshman and sophomore companies and drill with the companies to which assigned; practice in command of troops and instructing in technical subjects. I, II; ( $\frac{1}{2}$ ). Assistant Professor RUMBOUGH

45b-46b. THEORETICAL.—Tactical use of signal communications; lectures by branch officers on the tactics of their arms; map problems; telephone and telegraph engineering. (1). Assistant Professor RUMBOUGH

## SENIOR SIGNAL CORPS

47a-48a. PRACTICAL.—Radio laboratory; vacuum tubes; radio measurements; damped and undamped wave radio telegraphy; practice in University radio station WRM. I, II; ( $\frac{1}{2}$ ). Mr. BROWN

47b-48b. THEORETICAL.—Radio engineering; a mathematical and physical study of the principles of radio telegraphy and telephony. I, II; (1). Mr. BROWN

## FRESHMAN AVIATION (HEAVIER AND LIGHTER THAN AIR)

51a-52a. PRACTICAL.—Organization, courtesy, discipline, hygiene, first aid; arms and equipment; interior guard duty; code, buzzer, visual signaling; construction and operation of wire-telephones; sketching, map reading. I, II; ( $\frac{1}{2}$ ). Assistant Professor WHITESIDES

51b-52b. THEORETICAL.—Organization and administration of a squadron; hygiene, first aid; military customs; interior guard duty; school of the soldier, squad, platoon, and squadron; the rifle and the .45-calibre automatic pistol; electricity and magnetism, history of aeronautics. I, II; ( $\frac{1}{2}$ ). Assistant Professor WHITESIDES

## SOPHOMORE AVIATION (HEAVIER AND LIGHTER THAN AIR)

53a-54a. PRACTICAL.—Map reading; sketching; drill; range practice, matches; aerial machine guns; messages, reports. I, II; ( $\frac{1}{2}$ ). Assistant Professor WHITESIDES

53b-54b. THEORETICAL.—Map reading, sketching, fundamentals of leadership; drill regulations; marksmanship; patrolling, messages, and reports; ground and airplane radio sets; artillery and infantry liaison. I, II; ( $\frac{1}{2}$ ). Assistant Professor WHITESIDES

## JUNIOR AVIATION (HEAVIER THAN AIR)

55a-56a. PRACTICAL.—Field engineering problems; radio mechanics; ground and airplane radio sets; map making from aerial photographs; aeronautical engines, shop work, trouble shooting. I, II; ( $\frac{1}{2}$ ). Assistant Professor WHITESIDES

55b-56b. **THEORETICAL.**—Field engineering; defensive conduct of small units; ammunition supply; liaison; radio mechanics; aerial photographs; aeronautical engines. I, II; (1). Assistant Professor WHITESIDES

#### SENIOR AVIATION (HEAVIER THAN AIR)

57a-58a. **PRACTICAL.**—Squadron paper work, administration; moot courts; direction finding; nomenclature of radio equipment; airplane mechanics; types of service planes. I, II; (½). Assistant Professor WHITESIDES

57b-58b. **THEORETICAL.**—United States campaigns and battles, history of the military policy of the United States, history of military aeronautics. I, II; (1). Assistant Professor WHITESIDES

### MINING ENGINEERING

Associate Professor HOSKIN; Assistant Professors DRUCKER, BAINS, FRASER; Mr. SMITH.

#### COURSES FOR UNDERGRADUATES

1. **EARTH AND ROCK EXCAVATION.**—Boring; blasting; coal-cutting; shovelling; tunneling; shaft-sinking. I; (3). Assistant Professor DRUCKER

*Prerequisite:* Chemistry 1a or 1b.

4. **MINING METHODS.**—Development and excavation of metal and coal deposits in open and deep mines. II; (3). Associate Professor HOSKIN

*Prerequisite:* Mining 1 and Geology 43.

6. **MECHANICAL ENGINEERING OF MINES.**—Hoisting; ropes, cages, hoisting engines. Haulage; drainage, dams, pumps. II; (3). Assistant Professor BAINS

*Prerequisite:* Mechanical Engineering 62, or equivalent.

8. **NON-TECHNICAL MINING PRACTICE.**—Foreign and American mining legislation; organization and incorporation; professional ethics. I; (3). Associate Professor HOSKIN

*Prerequisite:* Mining 4.

9. **PREPARATION OF COAL AND ORE.**—History, processes, machines; dry coal preparation and coal washing. Breaking, sizing, and concentrating ores. Laboratory in coal-washing and ore-dressing. I; (3). Assistant Professor BAINS

*Prerequisite:* Chemistry 5; Physics 3a-3b.

10. **ELECTRICAL ENGINEERING OF MINES.**—Electrical machinery; direct, and alternating-current motors and generators, storage batteries; power-plant equipment. I; (3). Assistant Professor BAINS

*Prerequisite:* Physics 1a-1b.

13. **UTILIZATION OF FUELS.**—Manufacture, handling, and utilization of fuel in mining and metallurgical practice; problems of combustion. II; (2). Mr. SMITH

*Prerequisite:* Junior standing in College of Engineering.

14. **NON-FERROUS ORE TREATMENT.**—Reduction of gold, silver, copper, lead, and zinc ores. Processes, flow-sheets, economics of ore treatment. II; (3). Assistant Professor DRUCKER

*Prerequisite:* Chemistry 7; Junior standing.

15a. **MINE VENTILATION.**—Gases and ventilation; underground fire and explosion hazards. II; (2). Mr. SMITH

*Prerequisite:* Physics 3a-3b; Mining 1 or 4.

17. **MINING PROBLEMS.**—Problems, library research, and reports. I; (1). Mr. SMITH

*Prerequisite:* Senior standing in mining engineering.

17b. METALLURGICAL PROBLEMS.—Metallurgy of gold, silver, copper, lead, and zinc. Buying and selling ores and metals. Selection of processes. II; (3).

Assistant Professor DRUCKER

*Prerequisite:* Chemistry 7; Mining 14.

21a. EXAMINATION, VALUATION, AND REPORTS.—Estimation and prospecting of mineral deposits. Appraisal of mining properties. II; (3). Assistant Professor BAINS

*Prerequisite:* Mining 1; Mining 4 or registration in Mining 4; Geology 20 and 43 or equivalent.

41. PRINCIPLES OF MINE AND METALLURGICAL DESIGN.—Mine tipples, head-frames, bins, and crushing plants for coal and metal mines; flow-sheets for coal, and ore-dressing plants; plan and elevation of plants. I; (3).

Assistant Professor DRUCKER

*Prerequisite:* Civil Engineering 58 and senior standing.

42. MINE AND METALLURGICAL DESIGN.—Coal-washing plants and gold, silver, copper, lead, and zinc concentrating mills; ore-leaching plants, smelteries, and electrolytic plants; layouts, estimates, and specifications; costs. II; (2).

Assistant Professor DRUCKER

*Prerequisite:* Mining 41.

61. ELEMENTARY MINE SURVEYING.—The compass, transit, and level; computation of areas and volumes; map construction; land lines; mine surveying. Field problems. I; (3).

Mr. SMITH

*Prerequisite:* General Engineering Drawing 1 or 4; Mathematics 4.

62. MINE SURVEYING.—Instruments used underground and in connecting surface and underground surveys; mine maps; mineral land surveying; solar attachments; determination of the meridian. A surveying trip is made to neighboring mines; estimated cost, \$10. II; (3).

Mr. SMITH

*Prerequisite:* Mining 61.

64. COAL AND ORE PREPARATION LABORATORY.—Crushing, dry preparation, washing, and briquetting of coals; wet and dry concentration; design of flow-sheets; sampling; analysis of raw and finished products. II; (3).

Assistant Professor BAINS

*Prerequisite:* Mining 9.

[68. MINE TOPOGRAPHY.—Stadia; plane table; application of topographic and railroad surveying to mining conditions; mine models. II; (1).

Mr. SMITH

*Prerequisite:* Civil Engineering 35 or Mining 61.

90. MINING AND METALLURGICAL REPORTS.—Review of mining and metallurgical literature; reports; technical writing. II; (1).

Assistant Professor DRUCKER

97-98. THESIS.—In accordance with regulations of College of Engineering. I, II; (3).

99. MINING INSPECTION TRIP.—No credit.

*Prerequisite:* Senior standing.

#### COURSES FOR GRADUATES

The prerequisite for graduate work in mining engineering is the equivalent of the undergraduate courses required for the degree of Bachelor of Science in mining in the branches of the subject in which registration is desired.

In addition to the regular University laboratories, the laboratory connected with the investigation of mining conditions in Illinois now being carried on jointly by the Engineering Experiment Station through the Department of Mining Engineering, the State Geological Survey, and the United States Bureau of Mines, is available for graduate instruction.

NOTE.—Of courses 101 and 104, only one will be given in either semester, at the election of students.

100. SEMINAR.—I and II; ( $1\frac{1}{2}$  unit).

Associate Professor HOSKIN

101. ADVANCED MINING PRACTICE.—Comparison of foreign and American methods; beneficiation of ore and utilization and storage of coal; transportation and markets. I, II; (1 unit).

Associate Professor HOSKIN

102. ADVANCED PREPARATION OF COAL AND ORES.—Detailed investigation and discussion of settling ratios; laws of crushing; sorting vs. sizing; specific mill and washing problems. I, II; (1 unit).  
Assistant Professor BAINS

104. MINING REPORTS.—Classification of coal and ore lands; conservation of mineral resources; mine examinations and appraisal reports. I, II; (1 unit).  
Associate Professor HOSKIN

105. WELFARE WORK AND EDUCATION AMONG MINE EMPLOYEES.—Organization and operation of mining institutes, night classes, welfare, mine rescue, and first-aid work. I, II; (1 unit).  
Associate Professor HOSKIN

106. ADVANCED COAL, ORE, AND METALLURGICAL PLANT DESIGN.—Flow-sheets; general layout, design, estimates for constructions, and detailed specifications. I, II; (1 unit).  
Assistant Professor DRUCKER

107. ADVANCED NON-FERROUS METALLURGICAL PROJECTS.—Treatment of zinc, lead, copper, gold, silver, and similar ores. Problems and reports. I, II; (1 unit).  
Assistant Professor DRUCKER

## MUNICIPAL AND SANITARY ENGINEERING

Professors TALBOT, ENGER; Associate Professor BABBITT, Assistant Professor FLEMING

### COURSES FOR UNDERGRADUATES

2. WATER SUPPLY ENGINEERING.—Source of supply; hydraulics of wells; stream flow; reservoirs; the distribution system; tests and standards of purity of potable water. Designing weekly. I; (4).

Professor ENGER, Associate Professor BABBITT, Assistant Professor FLEMING  
*Prerequisite:* Theoretical and Applied Mechanics 29, 10; Chemistry 4; Mechanical Engineering 1 or 2.

3. SEWERAGE.—Sewerage systems; water carriage systems; surveys and plans; hydraulics; house sewage; rainfall and storm-water flow; size and capacity of sewers; appurtenances; sewage disposal; estimates and specifications. Designing weekly. II; (3).

*Prerequisite:* Municipal and Sanitary Engineering 2.  
Associate Professor BABBITT

6a-6b. WATER PURIFICATION, SEWAGE DISPOSAL, AND GENERAL SANITATION.—Design of water purification works; standards and tests of purity of potable water; design of sewage treatment works; garbage disposal; sanitary restrictions and regulations. Lectures; seminar work; drafting. I; (3), II; (2).

*Prerequisite:* Registration or credit in Municipal and Sanitary Engineering 2, 3; Chemistry 10b.  
Associate Professor BABBITT

9. HYDRAULIC DESIGN AND CONSTRUCTION.—Reservoirs, dams, conduits, and waterways; hydraulic problems. II; (2).  
Professor ENGER

*Prerequisite:* Theoretical and Applied Mechanics 10 or 26.

98. THESIS.—Investigation or design of an engineering problem. II; (2).

Professor TALBOT, Associate Professor BABBITT

99. INSPECTION TRIP.—I; (no credit).

*Prerequisite:* Senior standing.

### COURSES FOR GRADUATES

Entrance on graduate work in municipal and sanitary engineering presupposes a full undergraduate course in that subject.

102. WATER SUPPLY ENGINEERING.—Advanced work. I or II; (1 unit).

Professor ENGER

103. SEWERAGE.—General sewerage design and construction; sewerage system; hydraulics of sewers. II; (1 unit). Associate Professor BABBITT

106. WATER PURIFICATION, SEWAGE DISPOSAL, AND GENERAL SANITATION.—Design, construction, and operation of water purification plants and of sewage disposal works. II; ( $\frac{1}{2}$  unit or more). Associate Professor BABBITT

## MUSIC

Professors STIVEN, HARDING; Associate Professor SCHWARTZ; Assistant Professor VAN DEN BERG; Mr. JOHNSON, Mr. BERESFORD, Miss PHILLIPS, Mr. LEIDE, Mr. MACNEILL, Miss WATT, Mr. MILES, Miss RUFFIN, Miss STREET, Miss PERCIVAL, Miss CREIGHTON, Miss MUNROE

1-2. HISTORY.—I, II; (2). Associate Professor SCHWARTZ  
*Prerequisite:* One year of university work.

3-4. THEORY OF MUSIC (HARMONY).—I, II; (2).  
Associate Professor SCHWARTZ, Mr. MILES, Miss CREIGHTON, Miss MUNROE

5-6. THEORY OF MUSIC (HARMONY).—Continuation of 3-4. I, II; (3).  
Associate Professor SCHWARTZ, Mr. MILES  
*Prerequisite:* Music 3-4.

7-8. COUNTERPOINT, CANON, AND FUGUE.—I, II; (3). Associate Professor SCHWARTZ  
*Prerequisite:* Music 5-6.

9-10. ANALYSIS, MUSICAL FORM.—I, II; (2). Professor STIVEN  
*Prerequisite:* Music 7-8.

11-12. ADVANCED COMPOSITION (FOR THEORY MAJOR).—I, II; (4). Professor STIVEN  
*Prerequisite:* Music 9-10.

13-14. MUSIC APPRECIATION.—Appreciative listening. Illustrated with phonograph and reproducing piano. Primarily for non-music students. I, II; (1). Professor STIVEN

15-16. INSTRUMENTATION AND ORCHESTRATION.—I, II; (1). Professor HARDING  
*Prerequisite:* Music 3 to 8 inclusive.

17-18. ADVANCED ORCHESTRATION (FOR THEORY MAJOR).—I, II; (4). Professor HARDING  
*Prerequisite:* Music 10, 15, and 16.

19-20. RUDIMENTS OF THEORY.—Taken in conjunction with Music 3-4. I, II; (1). Associate Professor SCHWARTZ

21-22. EAR TRAINING AND SIGHT SINGING.—First year. I, II; (1). Miss PERCIVAL

23-24. EAR TRAINING AND SIGHT SINGING.—Second year. I, II; (1). Miss PERCIVAL  
*Prerequisite:* Music 21, 22.

25a-25b. METHODS OF TEACHING.—Primarily for students preparing to teach music in the public schools. I, II; (4). Miss PHILLIPS

26a-26b. METHODS OF TEACHING.—I, II; (4). Miss PHILLIPS  
*Prerequisite:* Music 25a-25b.

27. THESIS.—(Senior elective). (1).

28-29. KEYBOARD HARMONY.—I, II; (2). Assistant Professor VAN DEN BERG  
*Prerequisite:* Music 4.

30-31. COURSE IN ACCOMPANYING.—I, II; (1).

Miss WATT

*Prerequisite:* Consent of the Director.

36a-b. BAND INSTRUMENTATION.—I, II; (*No credit*).

Professor HARDING

37a-b. BAND ARRANGING.—I, II; (*no credit*).

Professor HARDING

38a-b. BAND CONDUCTING.—I, II; (*no credit*).

Professor HARDING

## PIANO

Assistant Professor VAN DEN BERG, Mr. MACNEILL, Miss WATT, Miss RUFFIN, Miss STREET

41c-41d. INTRODUCTORY COURSE IN PIANO, SECOND YEAR.—I, II; (*no credit*).

41e-41f. INTRODUCTORY COURSE IN PIANO, THIRD YEAR.—I, II; (*no credit*).

*Prerequisite* for courses Music 42a and 47a: Music 41c-f or equivalent.

42a-42b. PIANO, FIRST YEAR.—I, II; (4).

43a-43b. PIANO, SECOND YEAR.—I, II; (4).

44a-44b. PIANO, THIRD YEAR.—I, II; (5).

45a-45b. PIANO, FOURTH YEAR.—I, II; (5).

46a-46b, 46c-46d, 46e-46f, 46g-46h. PIANO.—Piano taken as a minor by students whose major is voice, violin, cello, or organ. I, II; (3).

47a-47b, 47c-47d, 47e-47f, 47g-47h. PIANO.—For non-music students. I, II; (2).

## VOICE

Mr. JOHNSON, Mr. BERESFORD, Miss CREIGHTON, Miss MUNROE

51c-51d. INTRODUCTORY COURSE IN VOICE, SECOND YEAR.—I, II; (*no credit*).

51e-51f. INTRODUCTORY COURSE IN VOICE, THIRD YEAR.—I, II; (*no credit*).

*Prerequisite* for courses Music 52a to 57a: Music 51c-f or equivalent.

52a-52b. VOICE, FIRST YEAR.—I, II; (4).

53a-53b. VOICE, SECOND YEAR.—I, II; (4).

54a-54b. VOICE, THIRD YEAR.—I, II; (4).

55a-55b. VOICE, FOURTH YEAR.—I, II; (4).

56a-56b, 56c-56d, 56e-56f, 56g-56h. VOICE.—Voice taken as a minor by students whose major is piano. I, II; (3).

57a-57b, 57c-57d, 57e-57f, 57g-57h. VOICE.—For non-music students. I, II; (2).

## VIOLIN

Mr. LEIDE, Miss STREET

61c-61d. INTRODUCTORY COURSE IN VIOLIN, SECOND YEAR.—I, II; (*no credit*).

61e-61f. INTRODUCTORY COURSE IN VIOLIN, THIRD YEAR.—I, II; (*no credit*).

*Prerequisite* for courses Music 62a to 67a: Music 61c-f or equivalent.

62a-62b. VIOLIN, FIRST YEAR.—I, II; (4).

63a-63b. VIOLIN, SECOND YEAR.—I, II; (4).

64a-64b. VIOLIN, THIRD YEAR.—I, II; (5).

65a-65b. VIOLIN, FOURTH YEAR.—I, II; (5).

66a-66b, 66c-66d, 66e-66f, 66g-66h. VIOLIN.—Violin taken as a minor by students whose major is piano. I, II; (3).

67a-67b, 67c-67d, 67e-67f, 67g-67h. VIOLIN.—For non-music students. I, II; (2).



## VIOLONCELLO

Associate Professor SCHWARTZ

71c-71d. INTRODUCTORY COURSE IN VIOLONCELLO, SECOND YEAR.—I, II; (*no credit*).71e-71f. INTRODUCTORY COURSE IN VIOLONCELLO, THIRD YEAR.—I, II; (*no credit*).  
*Prerequisite* for courses Music 72a to 77a: Music 71c-f or equivalent.

72a-72b. VIOLONCELLO, FIRST YEAR.—I, II; (4).

73a-73b. VIOLONCELLO, SECOND YEAR.—I, II; (4).

74a-74b. VIOLONCELLO, THIRD YEAR.—I, II; (5).

75a-75b. VIOLONCELLO, FOURTH YEAR.—I, II; (5).

76a-76b, 76c-76d, 76e-76f, 76g-76h. VIOLONCELLO.—Violoncello taken as a minor by students whose major is piano. I, II; (3).

77a-77b, 77c-77d, 77e-77f, 77g-77h. VIOLONCELLO.—For non-music students. I, II; (2).

## ORGAN

Mr. MILES

Students desiring to take *organ* must pass the entrance examination in piano. Under no circumstances will they be accepted if their piano work falls below the standard of this examination.

82a-82b. ORGAN, FIRST YEAR.—I, II; (4).

83a-83b. ORGAN, SECOND YEAR.—I, II; (4).

84a-84b. ORGAN, THIRD YEAR.—I, II; (5).

85a-85b. ORGAN, FOURTH YEAR.—I, II; (5).

86a-86b, 86c-86d, 86e-86f, 86g-86h. ORGAN.—Organ taken as a minor by students whose major is piano. I, II; (3).

87a-87b, 87c-87d, 87e-87f, 87g-87h. ORGAN.—For non-music students. I, II; (2).

## WIND INSTRUMENTS

Professor HARDING

91c-91d. INTRODUCTORY COURSE IN WIND INSTRUMENTS, SECOND YEAR.—I, II; (*no credit*).91e-91f. INTRODUCTORY COURSE IN WIND INSTRUMENTS, THIRD YEAR.—I, II; (*no credit*).*Prerequisite* for courses Music 92a and 97a: Music 91c-f or equivalent.

92a-92b. WIND INSTRUMENTS, FIRST YEAR.—(4).

93a-93b. WIND INSTRUMENTS, SECOND YEAR.—(4).

94a-94b. WIND INSTRUMENTS, THIRD YEAR.—(5).

95a-95b. WIND INSTRUMENTS, FOURTH YEAR.—(5).

96a-96b, 96c-96d, 96e-96f, 96g-96h. WIND INSTRUMENTS.—Wind instruments taken as a minor by students whose major is piano. (3).

97a-97b, 97c-97d, 97e-97f, 97g-97h. WIND INSTRUMENTS.—For non-music students. (2).

## RECITAL

100. RECITAL COURSE IN PRACTICAL MUSIC.—(For juniors in Music 44b, 54b, 64b, 74b, 84b, or 94b). (2).

*Prerequisite*: At least two satisfactory appearances in major subject in students' recitals.

101. RECITAL COURSE IN PRACTICAL MUSIC.—(For seniors in Music 45b, 65b, 75b, 85b, or 95b). (4).
102. RECITAL COURSE IN PRACTICAL MUSIC.—(For seniors in Music 55b). (3).
103. RECITAL COURSE IN COMPOSITION.—(For seniors in Theory Major). (4).

SUMMER SESSION COURSES

Director STIVEN, Assistant Professor VAN DEN BERG, Mr. JOHNSON, Mr. SEITZ, Mr. MILES

S1a. HISTORY OF MUSIC.—Beginnings of music; ancient music; early Greek and Christian music; notation; development of polyphony; folk-songs. (1). Director STIVEN  
*Prerequisite:* Consent of the instructor.  
*Equivalent:* Music 1 (first half).

S3a. HARMONY.—Scales—keys, signatures, drill on scale degrees. Intervals—classification, construction, and analysis of triads. Triad inversions and progressions; harmonization employing principal triads. (1). Director STIVEN  
*Prerequisite:* Consent of the instructor.  
*Equivalent:* Music 3 (first half).

S4b. HARMONY.—Secondary sevenths; sequences; dominant ninth; key relations. Diatonic transitions to related keys. (1). Director STIVEN  
*Prerequisite:* Music S4a.  
*Equivalent:* Last half second semester Harmony.

S13a. MUSIC APPRECIATION.—Appreciative listening. Illustrated with phonograph and reproducing piano. Primarily for non-music students. (1). Director STIVEN

S21a. EAR TRAINING AND SIGHT SINGING.—Formation and recognition of intervals, melody making and writing; music notation; scale structure, solfeggio. (1). Mr. SEITZ  
*Prerequisite:* Entrance credit.  
*Equivalent:* Music 21.

S25a. PUBLIC SCHOOL METHODS.—Problems of supervision in the lower grades; material and technic of teaching. (4). Mr. SEITZ  
*Prerequisite:* Two years of sight singing; consent of the instructor.  
*Equivalent:* Music 25a (first half).

S41c-41f. INTRODUCTORY COURSE IN PIANO.—No university credit. Assistant Professor VAN DEN BERG, Mr. MILES  
*Prerequisite:* Consent of the instructor.  
*Equivalent:* Music 41c-f (in part).

S42-46. PIANO, COLLEGIATE GRADE.—(1 or 2). Assistant Professor VAN DEN BERG, Mr. MILES  
*Prerequisite:* Three years of piano study.  
*Equivalent:* Music 42-46 (in part).

S47. PIANO, COLLEGIATE GRADE.—For non-music students. (1). Assistant Professor VAN DEN BERG, Mr. MILES  
*Prerequisite:* Three years of piano study.  
*Equivalent:* Music 47 (in part).

S51c-51f. INTRODUCTORY COURSE IN VOICE.—No university credit. Mr. JOHNSON  
*Prerequisite:* The consent of the instructor.  
*Equivalent:* Music 51c-51f (in part).

S52-56. VOICE, COLLEGIATE GRADE.—Arrange hours. (1 or 2). Mr. JOHNSON  
*Prerequisite:* Three years of vocal study.  
*Equivalent:* Music 52-56 (in part).

S57. VOICE, COLLEGIATE GRADE.—For non-music students. (1). Mr. JOHNSON  
*Prerequisite:* Three years of vocal study.  
*Equivalent:* Music 57 (in part).

S81. ORGAN.—Arrange hours. (1).

Mr. MILES

*Prerequisite:* Three years of piano study or the equivalent.

*Equivalent:* Music 81 (in part).

S83. ORGAN.—For non-music students. (1).

Mr. MILES

*Prerequisite:* Three years of piano study or the equivalent.

*Equivalent:* Music 83 (in part).

Students desiring to take organ must pass the entrance examination for collegiate standing in piano.

## PALEONTOLOGY

(See GEOLOGY.)

## PHILOLOGY

(See CLASSICS, ENGLISH LANGUAGE AND LITERATURE, GERMANIC LANGUAGES AND LITERATURE, and ROMANCE LANGUAGES AND LITERATURE.)

## PHILOSOPHY

(See also PSYCHOLOGY AND EDUCATION.)

Professors DANIELS, McCLURE; Assistant Professors LAMPRECHT,<sup>1</sup> SCHNEIDER (first semester); Mr. BENJAMIN, Mr. NICHOLSON.

MAJOR: 20 hours from any courses offered by the department, including Philosophy 1, 2, 3, and 4, and one other advanced course. Six hours in psychology may be counted toward a major in philosophy.

MINOR: 20 hours in (a) psychology (at least six additional hours, if psychology is counted toward a major), and one other subject in the following groups; or (b) any two subjects in the same group in the following groups: (A) economics, history, political science, education, sociology; (B) English, French, German, Greek, Latin; (C) astronomy, bacteriology, botany, chemistry, geology, mathematics, physics, zoology. No course in any subject of the above groups may be counted for the minor requirement if it is excluded from the major requirement of its respective department.

### COURSES FOR UNDERGRADUATES

1. LOGIC.—Reasoning; detection of fallacies; evidence. I or II; (3).

Professor McCLURE; Assistant Professors LAMPRECHT, SCHNEIDER; Mr. BENJAMIN, Mr. NICHOLSON.

*Prerequisite:* One year of university work.

2. INTRODUCTION TO PHILOSOPHY.—II; (3).

Assistant Professor LAMPRECHT, Mr. BENJAMIN  
*Prerequisite:* Two years of university work.

### COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

3. HISTORY OF ANCIENT AND MEDIEVAL PHILOSOPHY.—I; (3). Professor McCLURE  
*Prerequisite:* Three hours in philosophy; junior standing.

4. HISTORY OF MODERN PHILOSOPHY.—From the Renaissance to the present time.  
II; (3). Professor McCLURE, Mr. NICHOLSON

*Prerequisite:* Three hours in philosophy; junior standing.

[5. POLITICAL PHILOSOPHY.—II; (3). Not given in 1923-24.

Assistant Professor LAMPRECHT  
*Prerequisite:* Senior or graduate standing; one year of college history, and Political Science 1 or 3.]

7. ETHICS.—Fundamental questions of ethical theory; social and economic problems of the present. II; (3). Professor DANIELS

*Prerequisite:* Three hours in philosophy; senior standing.

<sup>1</sup>On leave of absence, first semester.

9. POLITICAL AND SOCIAL ETHICS.—I; (3). Professor DANIELS, Mr. BENJAMIN  
*Prerequisite:* Two years of university work.

11. PHILOSOPHY OF RELIGION.—II; (3). Assistant Professor LAMPRECHT  
*Prerequisite:* Senior or graduate standing; six hours in psychology or philosophy,  
 or in both.

19. CONFLICT OF IDEALS IN MODERN THOUGHT.—I; (3). Assistant Professor SCHNEIDER  
*Prerequisite:* Philosophy 2.

20. HONORS COURSE.—I, II; (2). Professor McCLURE  
*Prerequisite:* Senior standing.

#### COURSES FOR GRADUATES

103. ETHICS.—I; (1 unit). Professor DANIELS

105. SEVENTEENTH CENTURY CONTINENTAL THOUGHT.—II; (1 unit). Professor DANIELS

107. PLATO.—I; (1 unit). Professor McCLURE

109. CONTEMPORARY PHILOSOPHY.—II; (1 unit). Professor McCLURE

110. EIGHTEENTH CENTURY BRITISH THOUGHT.—I; (1 unit). Assistant Professor SCHNEIDER

111. NINETEENTH CENTURY BRITISH THOUGHT.—II; (1 unit). Assistant Professor LAMPRECHT

### PHOTOGRAPHY

Mr. ELDRIDGE

1-2.<sup>1</sup> THE PRINCIPLES AND PRACTICE OF PHOTOGRAPHY.—Lectures; demonstrations.  
 Each student is required to produce a stated amount of work covering processes treated.  
 (For advanced students who use photography in connection with their special subjects.)  
 I, II; (no credit). Mr. ELDRIDGE

*Prerequisite:* Junior standing; consent of the instructor.

### PHYSICAL EDUCATION FOR MEN

(See also ATHLETIC COACHING and PHYSICAL EDUCATION.)

Director HUFF, Mr. STALEY, Mr. WAGNER, Mr. HINDMAN, Mr. STAFFORD, Mr. BROWN  
 Mr. PREHN, Mr. SHUMWAY.

1-2. GYMNASIUM.—Two hours' practice each week. Calisthenics and mass games.  
 (Required of freshmen). I, II; (½), (1). Mr. STALEY, Mr. WAGNER, Mr. HINDMAN  
 Swimming taken as an alternate to gymnasium work by those who cannot swim fifty  
 yards. Mr. MANLEY

1a. PERSONAL HYGIENE.—Lectures by the Dean of Men and the Health Officer.  
 Required in conjunction with Physical Education 1. I or II (required second semester  
 of all freshmen and new students who do not take the course the first semester).  
 Dean CLARK, Dr. BEARD

3. WRESTLING.—Two hours' practice each week. I or II; (1). Mr. PREHN  
*Prerequisite:* Physical Education 1 and 2.

<sup>1</sup>This course is continuous throughout the year.

4. **TUMBLING.**—Two hours' practice each week. I or II; (1). Mr. STALEY  
*Prerequisite:* Physical Education 1 and 2.
5. **BOXING.**—Two hours' practice each week. I or II; (1). Mr. PREHN  
*Prerequisite:* Physical Education 1 and 2.
6. **APPARATUS WORK.**—Two hours' practice each week. I or II; (1). Mr. HINDMAN  
*Prerequisite:* Physical Education 1 and 2.
7. **FENCING.**—Two hours' practice each week. I or II; (1). Mr. SHUMWAY  
*Prerequisite:* Physical Education 1 and 2.
8. **CORRECTIVE.**—Two hours' practice each week. I or II; (1). Mr. STAFFORD  
*Prerequisite:* Physical Education 1 and 2.
9. **CIRCUS.**—Two hours' practice each week. I or II; (1). Mr. WAGNER

### PHYSICAL EDUCATION FOR WOMEN

Professor FREER, Associate Professor BROOKS, Miss HUGHITT, Miss GREGG, Miss BROWN, Miss CLEMANS, Miss MARSTON, Miss TERBORGH, Miss SCHMOELLER, Miss SHAW.

MAJOR: 20 hours in this subject excluding 7 and 8. 20 hours in courses from Education and registration in College of Education the junior and senior year.

7a-7b. **PRACTICE.**—Class work; gymnastics; folk dancing; games; swimming; personal hygiene. (Required of freshmen). I, II; (2).

Miss BROOKS, Miss HUGHITT, Miss BROWN, Miss TERBORGH, Miss CLEMANS

7a-7b. **CORRECTIVES.** Miss GREGG

8a-8b. **PRACTICE.**—(Continuation of 7a-7b. Required of sophomores). I, II; (2).

8a-8b. **CORRECTIVES.** Miss GREGG

*Prerequisite:* Physical Education 7a-7b.

12a-12b. **CLASSIC AND INTERPRETATIVE DANCING.**—Dances and exercises in technic. Miss BROOKS  
 I, II. *Prerequisite:* Physical Education 7a-7b.

13a-13b. **INTERPRETATIVE AND NATURAL DANCING.**—I, II. Miss HUGHITT  
*Prerequisite:* Physical Education 7a-7b.

14a-14b. **SWIMMING.**—I, II. Miss MARSTON, Miss SCHMOELLER

10a. **HISTORY OF PHYSICAL EDUCATION.**—(A general survey). I; (1). Miss FREER  
*Prerequisite:* For juniors with Physical Education as major.

10b. **ORGANIZATION AND ADMINISTRATION OF PHYSICAL EDUCATION.**—II; (1). Miss FREER  
*Prerequisite:* 10a.

11a. **THEORY AND PRACTICE OF MASSAGE.**—I; (1). Miss HUGHITT

11b. **FIRST AID IN EMERGENCIES.**—(Examination for Red Cross certificate). II; (1). Miss HUGHITT

15a-15b. **PHYSICAL EDUCATION METHODS.**—Lectures; assigned reading; practice teaching. I, II; (6). Miss BROWN

16. **KINESIOLOGY.**—I; (3). Miss GREGG

17a-17b. **EDUCATIONAL PRACTICE.**—Lectures; assigned reading; practice teaching. Miss BROWN  
 I, II; (4).

18b. **PHYSICAL DIAGNOSIS.**—II; (2). Dr. ETHEREDGE

19. **THEORY OF CORRECTIVE GYMNASTICS.**—II; (3). Miss GREGG

## SUMMER SESSION COURSES

Miss FREER, Miss GREGG, Miss TERBORGH, Miss ERRANT

- S1. HYGIENE.—( $\frac{1}{2}$ ).
- S2. INDIVIDUAL AND CORRECTIVE GYMNASICS.—(1).
- S3. COACHING OF BASKETBALL, BASEBALL.—( $\frac{1}{2}$ ).
- S4. ADVANCED DANCING.
- S5. FOLK DANCING.—( $\frac{1}{2}$ ).
- S6. TENNIS, TRACK.—( $\frac{1}{2}$ ).
- S7. GAMES.—( $\frac{1}{2}$ ).
- S8. COMMUNITY RECREATION.
- S9. SWIMMING.

## PHYSICS

Professors CARMAN, KNIPP, WATSON, KUNZ; Assistant Professors SCHULZ, WILLIAMS; Dr. PATON, Dr. NELSON, Mr. SCHMIDT, Mr. HAM, Mr. SANDERS, Mr. JENSEN, Mr. SMITH, Mr. YOUNG, Mr. WALL, Mr. ARNOLD, Mr. LITTLE, Mr. CLARK, Mr. HUBBARD, Mr. COOKE, Mr. ALBERS

MAJOR: 20 hours from courses offered in the department.

MINOR: 20 hours in mathematics, astronomy, chemistry, education, psychology, and geology.

Physics 7a-7b and 8a-8b are recommended to students not specializing in mathematics, chemistry, or engineering. For undergraduate students taking advanced work or a major in physics, the following outline of work is suggested:

Freshman year: Trigonometry (Mathematics 4) and Chemistry. Sophomore year: Physics 1a-1b, 3a-3b, or Physics 7a-7b, 8a-8b. Junior year: Physics 15, 16 and 36, 17, 23, or 24. Senior year: Physics 4a-4b, 14a-14b, 20, 22, 25, 30, or 31.

## INTRODUCTORY COURSES FOR UNDERGRADUATES

1a-1b. GENERAL PHYSICS.—Lectures with classroom demonstrations; recitations; written exercises. (For sophomores in engineering, mathematics, physics, and chemistry). I, (3); II, (2).

Professor CARMAN, Assistant Professor SCHULZ, Dr. NELSON, Mr. JENSEN, Mr. SMITH, Mr. HAM, Mr. ARNOLD, Mr. COOKE, Mr. CLARK.

1bx. GENERAL PHYSICS.—Same as Physics 1b except for an extra recitation each week. II; (3).

Professor CARMAN, Assistant Professor SCHULZ, Dr. NELSON, Mr. JENSEN, Mr. SMITH, Mr. ARNOLD, Mr. LITTLE, Mr. CLARK, Mr. COOKE.

*Prerequisite:* Registration in Physics 3a-3b; freshman mathematics.

3a-3b. PHYSICAL MEASUREMENTS.—Laboratory experiments; quizzes in connection with Physics 1a-1b. I, II; (2).

Assistant Professor SCHULZ, Dr. NELSON, Mr. JENSEN, Mr. SMITH, Mr. ARNOLD, Mr. LITTLE, Mr. CLARK, Mr. COOKE.

*Prerequisite:* Physics 1a-1b or registration therein.

7a-7b. GENERAL PHYSICS.—Lectures; classroom demonstrations; recitations. (For students in arts and science.) I, II; ( $2\frac{1}{2}$ ).

Professor WATSON, Dr. PATON, Mr. WALL, Mr. SANDERS, Mr. HUBBARD  
*Prerequisite:* Mathematics 4, or registration therein; registration in Physics 8a-8b. One year's university standing advised.

8a-8b. INTRODUCTORY LABORATORY PHYSICS.—Physical measurements. I, II; ( $2\frac{1}{2}$ ).

Dr. PATON, Mr. SANDERS, Mr. WALL, Mr. HUBBARD  
*Prerequisite:* Registration in Physics 7a-7b.

9a-9b. GENERAL PHYSICS.—Lectures; class-room demonstrations; recitations. (For students in architecture). I, II; (2).

Professor WATSON, Dr. PATON, Mr. SANDERS, Mr. WALL, Mr. HUBBARD  
*Prerequisite:* Mathematics 4; registration in Physics 10a-10b.

10a-10b. INTRODUCTORY LABORATORY PHYSICS.—Physical measurements. I, II; (2).

Dr. PATON, Mr. SANDERS, Mr. WALL, Mr. HUBBARD  
*Prerequisite:* Registration in Physics 9a-9b.

#### INTERMEDIATE COURSES

15. ELECTRICITY AND MAGNETISM.—For students in non-technical courses who wish a knowledge of electricity and magnetism beyond the course in general physics. Lectures; laboratory. I; (3).

Assistant Professor WILLIAMS  
*Prerequisite:* Physics 1a-1b, 3a-3b, or 7a-7b, 8a-8b.

16. HEAT.—Heat phenomena; mechanical theory of heat; thermodynamics. Lectures; recitations; laboratory. II; (3).

Professor WATSON  
*Prerequisite:* Physics 1a-1b, 3a-3b; or 7a-7b, 8a-8b.

17. LIGHT.—Reflection, refraction, interference, diffraction, polarization; optical instruments. Lectures; quizzes. (For students in general physics, but also adapted to those who wish to learn the use of optical instruments.) I; (3).

Assistant Professor SCHULZ  
*Prerequisite:* Physics 1a-1b; 3a-3b; or 7a-7b.

18. TEACHERS' COURSE.—Books, manuals, apparatus ordering, methods of conducting work. Manipulative work with glass and apparatus. Selected topics in advanced general physics. II; (3).

Professor WATSON  
*Prerequisite:* A course in general physics, or experience in teaching.

36. HEAT MEASUREMENTS.—Thermometry, calorimetry, vapor pressure, expansion of bodies, transmission of heat, mechanical equivalent, high temperature measurement. Laboratory to accompany Physics 16. II; (1).

Professor WATSON  
*Prerequisite:* Physics 1a-1b, 3a-3b; or 7a-7b, 8a-8b.

37. LIGHT MEASUREMENTS.—Determination of constants of mirrors, lenses, prisms, and gratings; use of refractometer, telescope, microscope, polarimeter, spectrometer, and interferometer. Laboratory; to be taken with or after Physics 17. I or II; (1).

Assistant Professor SCHULZ  
*Prerequisite:* Physics 1a-1b, 3a-3b; or 7a-7b, 8a-8b.

40. PRESENT PROBLEMS IN PHYSICS.—The electron theory of matter. II; (2).

Professor KUNZ  
*Prerequisite:* Course in general physics and senior standing.

[41. EXPERIMENTS ON PRESENT PROBLEMS IN PHYSICS.—Experimental lectures illustrating some of the recent discoveries in physics. II; (1).

Professor KUNZ  
*Prerequisite:* Registration in Physics 40.]

#### COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

44a-44b. ELECTRICAL AND MAGNETIC MEASUREMENTS.—I: Resistances; galvanometers; electric currents; capacities. II: Determination of capacity; damping; resistance and self-induction; self and mutual induction; magnetic properties of iron; curves; hysteresis losses. Potentiometers. I, (3); II, (2).

Professor KNIPP, Assistant Professor WILLIAMS, Mr. SCHMIDT, Mr. YOUNG  
*Prerequisite:* Physics 1a-1b, 3a-3b; or 7a-7b, 8a-8b; Mathematics 7, 9.

14a. INTRODUCTION TO THEORETICAL PHYSICS.—Motion, mass, and force. (For the student of general science as well as for students of physics and mathematics.) Recitations; problems; lectures. I; (3).

Professor KUNZ  
*Prerequisite:* Physics 1a-1b, 3a-3b; or 7a-7b, 8a-8b; Mathematics 8 or 7 and 9.

20. **LIGHT.**—Special phenomena; modern theories; readings in Drude, Wood, and Preston. Lectures; recitations. II; (2). Assistant Professor SCHULZ

*Prerequisite:* Physics 1a-1b, 3a-3b; or 7a-7b, 8a-8b; Mathematics 7 and 9, or 8.

22. **ADVANCED LIGHT MEASUREMENTS.**—Wavelength determinations; spectroscopic work; Zeeman effect; polarimetric analysis; resolving power of instruments; photometry; spectrophotometry. I; (2-5).<sup>1</sup> Assistant Professor SCHULZ

*Prerequisite:* Physics 1a-1b, 3a-3b; or 7a-7b, 8a-8b.

23. **SOUND.**—Wave motion; origin, propagation, velocity, interference, and diffraction of sound; vibrations of strings and organ pipes; music and speech. Lectures; recitations. I; (3). Professor WATSON

*Prerequisite:* Physics 1a-1b, 3a-3b; or 7a-7b, 8a-8b.

24. **PROPERTIES OF MATTER.**—Gravitation, elasticity, capillarity, and other general properties of matter. Recitations; lectures. II; (2). Assistant Professor WILLIAMS

*Prerequisite:* Physics 1 and 3, or 7 and 8; Mathematics 7 and 9, or 8.

27. **FUNDAMENTAL PHYSICAL MEASUREMENTS.**—Length, mass, time; gravitation, elasticity, surface tension, viscosity. Laboratory. II; (1). Assistant Professor WILLIAMS

*Prerequisite:* Course in general physics.

30. **INTRODUCTION TO THEORETICAL ELECTRICITY.**—Electrical and magnetic phenomena discussed with calculus methods. (For advanced students in physics, chemistry, mathematics, and engineering.) Lectures; recitations; demonstrations. II; (3). Assistant Professor WILLIAMS

31a-31b. **SPECIAL PROBLEMS IN ADVANCED PHYSICAL MEASUREMENTS.**—I, II; (2 or 3).

Professors CARMAN, KNIPP, WATSON; Assistant Professor SCHULZ, Dr. WILLIAMS

33. **SOUND.**—Laboratory experiments to illustrate and measure the fundamental phenomena of sound. I; (1). Professor WATSON

*Prerequisite:* Physics 1a-1b, 3a-3b; or 7a-7b, 8a-8b.

45. **PRINCIPLES OF RADIATION.**—I, II; (3). Dr. PATON

*Prerequisite:* Physics 1a-1b, 3a-3b; or 7a-7b, 8a-8b; Mathematics 8 or 7 and 9.

#### COURSES FOR GRADUATES

The prerequisite for graduate work in physics is a college course in general physics with a year's laboratory course in introductory physical measurements. The student who is to do major work in physics should also have had additional courses in physics or teaching experience, unless the training in his minor subjects, mathematics or chemistry, has been strong and complete. He should also have a knowledge of French and German sufficient to use references in these languages. The courses named below are those open for candidates for the Master's or Doctor's degree. A large part of the last year's work of the candidate for the Doctor's degree is investigational in either experimental or theoretical physics. In addition to these major graduate courses, the courses in elementary dynamics, heat, light, electrical measurements, and introductory electrical theory are arranged with certain additions for graduate credit. The "intermediate" courses on heat, light, and electricity and magnetism (Physics 15, 16, 17, 24) may be offered by students making a minor in physics, and with certain limitations by students in their first year of graduate work for major credit.

104a-104b. **SELECTED PROBLEMS IN ELECTRICAL MEASUREMENTS.**—I: Resistances; galvanometers; damping; capacities; Dolezalek electrometer; dielectric constants; the measurement of  $v$  and  $e/m$  for cathode rays; positive electricity; potentiometer. II: Properties of iron, hysteresis curves and losses. Recommended for graduate students in chemistry. I, II; ( $\frac{3}{4}$  unit). Professor KNIPP, Assistant Professor WILLIAMS

<sup>1</sup>In registering for a course with variable credit hours, a student must put down on his study list not the possible hours, as shown here, but the number of hours which he intends to take the course.



121. RECENT ADVANCED IN PHYSICS AND THE ELECTRON THEORY.—Electrons; gaseous; determination of  $e/m$  and  $v$ ; positive rays; color effects of electrons, of ions, and of retrograde rays in residual hydrogen, etc.; determination of elementary charge of electron. II; ( $\frac{1}{4}$  unit). Professor KNIPP

123. SOUND.—Wave motion; forced vibrations; velocity and energy relations of sound waves; resonance; vibrations of strings and organ pipes. I, II; ( $\frac{3}{4}$  or 1 unit). Professor WATSON

124. CONDUCTION OF ELECTRICITY THROUGH GASES.—Discharge phenomena. In the second semester, an original problem is assigned. Laboratory; collateral reading; discussion. I, II; (1 to 2 units). Professor KNIPP

126. PHYSICS COLLOQUIUM.—Weekly meetings of instructors and advanced students for the presentation and discussion of papers on current problems. Attendance expected of all graduate students. I, II; (no credit). Professor WATSON

127a. PROBLEMS OF PRESENT THEORETICAL INVESTIGATIONS IN PHYSICS.—Roentgen rays and crystal structure. II; ( $\frac{1}{2}$  unit). Professor KUNZ

131. INVESTIGATION OF SPECIAL PROBLEMS.—Advanced laboratory or design and calculation. A problem worked out with the advice and direction of the instructor. I, II; (1 to 2 units).

Professors CARMAN, KNIPP, WATSON, KUNZ; Assistant Professors SCHULTZ, WILLIAMS

132. MATHEMATICAL PHYSICS.—Special phases of theoretical physics.

[(a). DYNAMICS.—I, II; (1 unit). Not given in 1923-24. Professor KUNZ]

[(b). ELECTRODYNAMICS.—Lectures; reading. I, II; (1 unit). Not given in 1923-24.]

(c). HYDRODYNAMICS AND ELASTICITY.—I, II; (1 unit). Professor KUNZ

[132d. ELECTRIC OSCILLATIONS.—I, II; ( $\frac{3}{4}$  unit). Not given in 1923-24.

Professor KUNZ]

[132e. THERMODYNAMICS.—II; (1 unit). Not given in 1923-24.]

133. SEMINAR.—I, II; (1 to 2 units).

Professors CARMAN, KNIPP, WATSON, KUNZ; Assistant Professor SCHULZ

#### SUMMER SESSION COURSES

Professor KNIPP, Dr. PATON, Mr. SCHMIDT, Mr. JENSEN, Mr. SMITH

S7I. GENERAL PHYSICS, (Part I).—Lectures, demonstrations, and recitations on mechanics, including the laws of motion, forces and their effects, equilibrium, etc. (For students in Arts and Sciences). ( $1\frac{1}{2}$ ). Mr. SCHMIDT

*Prerequisite:* Plane geometry and high school algebra; registration in Physics S8I. Plane trigonometry desired.

*Equivalent:* S7 (I, II, III) together with S8 (I, II, III) are equivalent to Physics 7a-7b, 8a-8b, or to Physics 9a-9b, 10a-10b for the college year.

S8I. INTRODUCTORY LABORATORY PHYSICS, (Part I).—Laboratory course to accompany S7I. ( $1\frac{1}{2}$ ). Mr. JENSEN

*Prerequisite:* Registration in Physics S7I.

*Equivalent:* See S7I.

S7II. GENERAL PHYSICS, (Part II).—Experimental lectures with recitations on electricity and magnetism. ( $1\frac{1}{2}$ ). Professor KNIPP

*Prerequisite:* See S7I.

*Equivalent:* See S7I.

S8II. INTRODUCTORY LABORATORY PHYSICS, (Part II).—Laboratory experiments to accompany S7II. ( $1\frac{1}{2}$ ). Mr. JENSEN

*Prerequisite:* Registration in S7II.

*Equivalent:* See S7I.

S7III. GENERAL PHYSICS, (Part III).—Heat, light, and sound. ( $1\frac{1}{2}$ ). Dr. PATON  
*Prerequisite:* Same as S7I.  
*Equivalent:* See S7I.

S8III. INTRODUCTORY LABORATORY PHYSICS, (Part III).—Laboratory experiments to accompany S7III. ( $1\frac{1}{2}$ ). Mr. SMITH  
*Prerequisite:* Registration in Physics S7III.  
*Equivalent:* See S7I.

S44a. ELECTRICAL AND MAGNETIC MEASUREMENTS.—Discussions; recitations; reports; laboratory. (3). Mr. SCHMIDT, Mr. SMITH  
*Prerequisite:* A course in general physics and calculus.  
*Equivalent:* The first semester of Physics 44a.

S15. ELECTRICITY AND MAGNETISM.—Course for teachers. (2). Professor KNIPP  
*Prerequisite:* A course in general physics.  
*Equivalent:* Physics 15 (in part).

S16. HEAT.—( $1\frac{1}{2}$ ). Mr. SCHMIDT  
*Prerequisite:* A course in general physics.  
*Equivalent:* Physics 16 (in part).

S17. LIGHT.—( $\frac{1}{2}$ ). Dr. PATON  
*Prerequisite:* A course in general physics.  
*Equivalent:* Physics 17 (in part).

S18. TEACHER'S COURSE.—(1). Dr. PATON, Mr. JENSEN  
*Prerequisite:* A course in general physics.  
*Equivalent:* Physics 18 (in part).

S21. RECENT ADVANCES AND APPLICATIONS IN PHYSICS.—Popular lectures, illustrated by experiments, on recent advances and applications of physics. ( $\frac{1}{2}$ ).  
 Professor KNIPP and Mr. JENSEN in charge

#### COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

S31. SPECIAL PROBLEMS IN ADVANCED PHYSICAL MEASUREMENTS.—Coefficient of viscosity of liquids and gases; elastic constants of metals; coefficient of self-induction of a coil; capacity of a condenser in absolute measure. (1,  $1\frac{1}{2}$ , or 2). Professor KNIPP, Dr. PATON  
*Prerequisite:* A course in general physics; elementary calculus.

S45. PRINCIPLES OF RADIATION.—Fundamental phenomena and laws of the transfer of energy and radiation. ( $1\frac{1}{2}$ ). Dr. PATON  
*Prerequisite:* Course in general physics and consult instructor.

#### COURSES FOR GRADUATES

S121. ELECTRON THEORY, METHODS OF MEASUREMENT.—Experimental methods in electronic investigations. Lectures; reading. ( $\frac{1}{2}$  to 1 unit). Professor KNIPP

S131. INVESTIGATION OF SPECIAL PROBLEMS.—Individual special problems under supervision. (1,  $1\frac{1}{2}$ , or 2 units).

S133. SEMINAR AND THESIS. Professor KNIPP  
*Prerequisite:* Registration in Graduate School. See instructor.

#### PHYSIOLOGY

Associate Professor BURGE, Dr. CHANTIN, Mr. BROWN, Miss LEICHSENRING, Miss WILLIAMS

MAJOR: 20 hours made up of any courses offered in the Department exclusive of Physiology 1.

MINOR: 20 hours in not more than three of the following subjects: bacteriology, botany, chemistry, and zoology.

## COURSES FOR UNDERGRADUATES

1. GENERAL PHYSIOLOGY.—Mammalian physiology. (Credit not given unless followed by another course in Physiology). I or II. (2).  
Associate Professor BURGE, Miss LEICHSENRING, Dr. CHANUTIN, Miss WILLIAMS

2. PHYSIOLOGY OF CIRCULATION, RESPIRATION, SPECIAL SENSES, MUSCLE, NERVE AND SPECIAL PHASES OF METABOLISM, REPRODUCTION, AND GLANDS OF INTERNAL SECRETION.—I; (3). (Recommended for students in Athletic Coaching).  
Mr. BROWN, Dr. CHANUTIN

*Prerequisite:* Physiology 1.

4. PHYSIOLOGY OF DIGESTION, METABOLISM, SECRETION, EXCRETION, AND GLANDS OF INTERNAL SECRETION.—(Recommended for Home Economics students). I or II; (3).  
Associate Professor BURGE, Miss LEICHSENRING, Miss WILLIAMS

*Prerequisite:* Physiology 1; one semester of college chemistry.

6. PHYSIOLOGY OF THE NERVOUS SYSTEM.—Function of principal motor and sensory tracts of the mammal. I; (3).  
Associate Professor BURGE, Miss LEICHSENRING

*Prerequisite:* Physiology 1.

8. THESIS.

Associate Professor BURGE

*Prerequisite:* Senior standing; 15 hours Physiology. I, II; (3-5).<sup>1</sup> Time to be arranged before registration.

10a. PHYSIOLOGICAL ANATOMY.—The functions of the organs of a mammal. II; (3).  
Associate Professor BURGE, Miss LEICHSENRING

*Prerequisite:* Physiology 1.

## COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

5. PHYSIOLOGY OF NUTRITION.—Foods, vitamins, exercise, internal secretions digestion and metabolism as related to health, lowered vitality, and disease. II; (2).  
Associate Professor BURGE

*Prerequisite:* Physiology 4.

7. ADVANCED MAMMALIAN PHYSIOLOGY.—I; (3).

Associate Professor BURGE, Dr. CHANUTIN

*Prerequisite:* Senior standing; Physiology 1; 8 hours chemistry.

9. PHYSIOLOGY OF THE SPECIAL SENSES.—II; (2).

Associate Professor BURGE, Miss WILLIAMS

*Prerequisite:* Senior standing; Physiology 6.

## COURSES FOR GRADUATES

101. JOURNAL CLUB.—Review of literature. I, II; (2 units). Members of the Staff

102. RESEARCH.—I, II; (1 to 2 units).

Members of the Staff

103. SPECIAL PHASES OF THE PHYSIOLOGY OF RESPIRATION, CIRCULATION, DIGESTION, METABOLISM, EXCRETION, SECRETION, GLANDS OF INTERNAL SECRETION, NERVOUS SYSTEM.—I, II; (1 to 2 units).

Associate Professor BURGE, Miss LEICHSENRING, Mr. McCREA

## POLITICAL SCIENCE

(See also ECONOMICS, HISTORY, AND SOCIOLOGY.)

Professors GARNER, FAIRLIE, MATHEWS; Associate Professor STORY; Dr. BERDAHL, Mr. KETCHAM,<sup>2</sup> Mr. HOUGHTON, Mr. HELMS, Mr. KNEIER<sup>3</sup>

MAJOR: 20 hours from any courses offered by the department. A major may include three hours of constitutional history (History 14, 27, or 44).

<sup>1</sup>In registering for a course with variable credit hours, a student must put down on his study-list *not* the possible hours, as shown here, but the number of hours for which *he* intends to take the course; e.g., not 2-5, but 2, or 3, or 4, or 5.

<sup>2</sup>First semester only.

<sup>3</sup>Second semester only.

MINORS: 20 hours, selected from two of the following subjects: history, economics, law, sociology, philosophy, and education.

### COURSES FOR UNDERGRADUATES

NOTE—Courses 1 and 3 give a general survey of national, state, and local government in the United States. Undergraduates beginning the study of political science are advised to take first course 1, 3, or 16; and those planning for advanced work should take courses 1 and either 3 or 16 in their sophomore year.

1. AMERICAN NATIONAL GOVERNMENT.—Historical development, organization, powers, limitations, and practical working of the national government. I; (3).

Associate Professor STORY, Professor GARNER, Dr. BERDAHL, Mr. KETCHAM, Mr. HOUGHTON, Mr. HELMS.

*Prerequisite:* 30 hours of university work.

3. STATE AND LOCAL GOVERNMENT.—Powers, obligations, and rights of states in the federal union; state constitutions; organization of state and local government; political methods. (A continuation of Political Science 1; may be taken independently.) II; (3).

Associate Professor STORY, Dr. BERDAHL, Mr. HOUGHTON, Mr. HELMS, Mr. KNEIER.

*Prerequisite:* 30 hours of university work.

NOTE.—Students may not take both 3 and 16 for more than a total of four hours' credit.

[15. AMERICAN GOVERNMENT AND POLITICS.—(Primarily for students in the Colleges of Engineering and Agriculture.) II; (3). Not given in 1923-24. Dr. BERDAHL

*Prerequisite:* 30 hours of university work. No credit allowed for this course if the student has already had or subsequently takes course 1 or 3.]

16. GOVERNMENT IN ILLINOIS.—Commonwealth and nation; constitutional development; organs of state government and their work; local governments and their functions; constitutional convention of 1920-22. II; (2).

*Prerequisite:* 30 hours of university work.

Professor MATHEWS

NOTE.—Students may not take both 3 and 16 for more than a total of four hours' credit.

### COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

NOTE.—Junior standing is required for admission to the following courses:

4. MUNICIPAL GOVERNMENT.—Growth of cities; their legal and social status; municipal organization in the United States and abroad. I; (3).

Associate Professor STORY, Mr. KETCHAM

5. CONSTITUTIONAL LAW OF THE UNITED STATES.—Judicial interpretation of the constitution. Separation of governmental powers; relation of state and national governments; control of interstate commerce; jurisdiction of the courts. I; (3).

Professor MATHEWS

*Prerequisite:* Political Science 1; junior standing.

6a. INTERNATIONAL LAW: LAW OF PEACE.—Nature, sources, and development of international law; the rights and duties of states; treaties; settlement of international disputes. I; (3).

Professor GARNER

*Prerequisite:* Open to seniors, graduate students, and law students with junior standing.

6b. INTERNATIONAL LAW: LAW OF WAR AND NEUTRALITY.—II; (3).

Professor GARNER

*Prerequisite:* Same as for course 6a.

7. AMERICAN DIPLOMACY.—Participation in international affairs; Presidential initiative; development and organization of the Department of State; diplomatic intercourse; the consular service; the treaty-making power; neutrality. II; (3).

Professor MATHEWS

*Prerequisite:* Political Science 1 or History 3a-3b; junior standing.

8. INTERNATIONAL ORGANIZATION.—Early projects of international federation; administrative commissions; international congresses; legislation; contemporary efforts at organization; the League of Nations. II; (2).

Dr. BERDAHL

*Prerequisite:* Junior standing.

9. PRINCIPLES OF JURISPRUDENCE.—Nature and sources of law; Roman and English systems; English law in the United States; classification of law. I; (2). Professor FAIRLIE  
*Prerequisite:* Political Science 1 or its equivalent; junior standing.

[11. CONSTITUTIONAL ASPECTS OF SOCIAL AND INDUSTRIAL PROBLEMS.—Police power; public health, order, and safety legislation; constitutionality of labor legislation; control of combinations of capital; regulation of public service companies. II; (3). Not given in 1923-24. Professor MATHEWS  
*Prerequisite:* 6 hours of political science or economics; junior standing.]

12. NATIONAL ADMINISTRATION IN THE UNITED STATES.—Administrative powers of the President and Congress; administrative organization; executive departments and other agencies; judicial control. II; (3). Professor FAIRLIE  
*Prerequisite:* Political Science 1; junior standing.

13. STATE ADMINISTRATION IN THE UNITED STATES.—Organization and methods of executive departments of the state governments. Centralization in taxation, education, and the enforcement of state law. I; (3). Professor MATHEWS  
*Prerequisite:* Political Science 3 or its equivalent; junior standing.

14. POLITICAL PARTIES AND METHODS.—Party organization; recent legislation on primary elections and corrupt practices. I; (3). Dr. BERDAHL  
*Prerequisite:* One course in political science; junior standing.

17. JUDICIAL ORGANIZATION AND ADMINISTRATION.—Organization, powers, and procedure of the courts; selection and tenure of judges; the jury system; administration of punitive justice; judicial reform. I; (2). Professor MATHEWS  
*Prerequisite:* Political Science 1 or 3; junior standing.

[18. LEGISLATION IN THE UNITED STATES.—II; (3). Not given in 1923-24. Associate Professor STORY  
*Prerequisite:* 6 hours of political science; junior standing.]

21. BRITISH GOVERNMENT.—The Crown, Cabinet, House of Commons and House of Lords; party system; courts of law; local government; crown colonies and self-governing dominions. I; (2). Professor FAIRLIE  
*Prerequisite:* Graduate or senior standing, or junior standing with six hours of political science.

21a. PROBLEMS IN BRITISH GOVERNMENT.—(Supplemental to Political Science 21.) Special reports and conferences. I; (1). Professor FAIRLIE  
*Prerequisite:* Registration in Political Science 21.

22. CONTINENTAL EUROPEAN GOVERNMENTS.—Political systems of France, Germany, Italy, Switzerland, and Russia. II; (3). Professor GARNER  
*Prerequisite:* Graduate or senior standing, or junior standing with six hours of political science. History 20a-20b and Political Science 21 recommended.

28. PROBLEMS OF CONTEMPORARY POLITICS.—A survey of questions of major importance in domestic and foreign politics. II; (2). Associate Professor STORY  
*Prerequisite:* Senior or graduate standing.

34. MUNICIPAL PROBLEMS.—Municipal administration in the United States and Europe; organization; city planning and housing; public utilities; police and sanitary administration; municipal finances. II; (3). Professor FAIRLIE  
*Prerequisite:* Open to graduate students, and to undergraduate students who have had Political Science 4, or Economics 1, or who have senior standing.

36a-36b. THESIS AND HONORS COURSE.—Research for candidates for honors and other seniors. I, II; (2).

#### COURSES FOR GRADUATES

101. HISTORY OF POLITICAL THEORIES.—Ancient, medieval, and modern political thought; American political philosophy. I; (1 unit). Professor GARNER

102. THE NATURE OF THE STATE.—Principles, methods, and nature of political science; origin, forms, and functions of the state; sovereignty and liberty; organization of government. II; (1 unit).  
Professor FAIRLIE

103. SEMINAR IN POLITICAL SCIENCE AND PUBLIC LAW.—Special problems; reports; discussions and criticism. The research of candidates who are writing theses is under the direction of some instructor. I, II.  
Members of the Department

[104a. MUNICIPAL ADMINISTRATION.—Alternates with course 135a. I; (1 unit).  
Not given in 1923-24. Associate Professor STORY]

[104b. MUNICIPAL ADMINISTRATION.—Alternates with course 135b. II; (1 unit).  
Not given in 1923-24. Associate Professor STORY]

105. THE AMERICAN CONSTITUTIONAL SYSTEM.—Selected topics on the judicial interpretation of fundamental constitutional provisions; investigation of special problems. II; (1 unit).  
Professor MATHEWS

106. SPECIAL TOPICS IN INTERNATIONAL LAW.—Research course. The topic for 1923-24 is *A Comparative Study of the Jurisprudence of the Prize Courts during the World War*. II; (1 unit).  
Professor GARNER

[107. FOREIGN RELATIONS OF THE UNITED STATES.—I; (1 unit). Not given in 1923-24.  
Professor MATHEWS]

112. PUBLIC ADMINISTRATION.—Comparative studies in national and local administration. I; (1 unit).  
Professor FAIRLIE

[113. STATE GOVERNMENT AND ADMINISTRATION.—I; (1 unit). Not given in 1923-24.  
Professor MATHEWS]

114. STUDIES IN POLITICAL PARTIES.—Problems in primary legislation, party organization, and other phases of party activity. II; (1 unit).  
Dr. BERDAHL

135a. LEGAL PROBLEMS OF THE CITY.—Nature, powers, limitations, and liabilities of the city; state control. I; (1 unit).  
Associate Professor STORY

135b. LEGAL PROBLEMS OF THE CITY.—Police regulations, taxation, local improvements, street and utility control, planning and zoning. II; (1 unit).  
Associate Professor STORY

#### SUMMER SESSION COURSES

S3. STATE GOVERNMENT.—(2½).  
Prerequisite: 30 hours of university work.  
Equivalent: Political Science 3 (except local government).  
Professor MATHEWS

S7. AMERICAN DIPLOMACY.—(2½).  
Prerequisite: Junior standing.  
Equivalent: Political Science 7 (in part).  
Professor MATHEWS

S103. RESEARCH IN POLITICAL SCIENCE.—(½ to 1 unit).  
Prerequisite: Graduate standing.  
Professor MATHEWS

#### PSYCHOLOGY

Professor BENTLEY, Assistant Professor GRIFFITH, Dr. YOUNG, Dr. SULLIVAN, Dr. CULLER, Mr. KINGSLEY, Mr. HIGGINSON, Miss ANDERSON, Miss HOPKINS

MAJOR: 20 hours chosen from courses announced by the department, excepting 1 and 25.  
MINOR: 20 hours chosen from education, philosophy, physics, physiology, sociology, and zoology.

## COURSES FOR UNDERGRADUATES

1. INTRODUCTION TO PSYCHOLOGY.—The facts and uniformities of mind. Sensation and image, perception, attention, memory, emotion, action, and thought. Lectures; sectional meetings. I or II; (4).

Professor BENTLEY, Dr. YOUNG, Dr. SULLIVAN, Dr. CULLER, and assistants  
Prerequisite: One year of university work.

2. GENERAL PSYCHOLOGY.—Genetic psychology; animal psychology; the mind of the child, and the inheritance of mind; social psychology; problems, social groups and monuments; the abnormal; psychotechnology. I or II; (4).

Assistant Professor GRIFFITH and assistants  
Prerequisite: Psychology 1 or senior standing.

3. LABORATORY PRACTICE (ELEMENTARY).—Classical experiments in the fields of sensation, feeling, attention, and action. Drill in scientific method. I or II; (2).

Dr. YOUNG, Dr. SULLIVAN, and assistants  
Prerequisite: Psychology 1; consent of the instructor.

7. MENTAL IMAGERY.—Classes of mental imagery; methods for determining imaginal types. II; (2).

Dr. SULLIVAN  
Prerequisite: Psychology 1 and 2.

[8. FEELING AND EMOTION.—II; (2). Not given in 1923-24.

Dr. CULLER

Prerequisite: Psychology 1 and 2, or 1 and 3.]

11. LEARNING AND COMPREHENSION.—Processes and functions involved in acquiring new knowledge and skill. II; (2).

Dr. CULLER  
Prerequisite: Psychology 1 and 2, or 1 and 3.

## COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

5. COMPARATIVE PSYCHOLOGY.—The psychological implications of organic evolution; human and animal minds; criticism of current literature. (Recommended to students who intend to elect advanced courses in either animal psychology or in study of behavior.) Lectures; laboratory. I; (2).

Assistant Professor GRIFFITH, Mr. HIGGINSON  
Prerequisite: Psychology 1 and one other course; consent of the instructor.

[6. COMPARATIVE PSYCHOLOGY (ADVANCED LABORATORY).—II; (2). Not given in 1923-24. See Psychology 3.

Assistant Professor GRIFFITH  
Prerequisite: Psychology 1 and 5.]

9. PHYSIOLOGICAL PSYCHOLOGY.—Correlations between structure and functions of the nervous system and the human mind; formulation of the problems of psychophysical relationship. II; (3).

Dr. YOUNG  
Prerequisite: Psychology 1 and 2, or 1 and 3, and laboratory training in one of the biological sciences.

10. TRANSLATION OF PSYCHOLOGICAL TREATISES.—Critical reading of French and German books and articles. I; (2).

Professor BENTLEY  
Prerequisite: Psychology 1; consent of the instructor.

12-13. MINOR PROBLEMS (ADVANCED LABORATORY).—Application of methods suitable to new problems in general and comparative psychology. I, II; (3).

Professor BENTLEY, Dr. YOUNG, Dr. SULLIVAN  
Prerequisite: Psychology 1, 2, 3; consent of the instructor.

14. SOCIAL PSYCHOLOGY.—Socialization viewed from the standpoint of the group and the individual member. Socialization of the psychosomatic functions. Conflict and adjustment. I; (3).

Professor BENTLEY, Dr. CULLER  
Prerequisite: Psychology 1 and one other course.

16. GENETIC PSYCHOLOGY.—Genetic continuity, mind, and the mind-body capacities; history of mind revealed by the mind of the animal and of the infant. I; (2).

Assistant Professor GRIFFITH  
Prerequisite: Psychology 1 and one other course.

17. HISTORY OF PSYCHOLOGY.—Rise of psychology as a distinct science during the nineteenth century. II; (2). Assistant Professor GRIFFITH

*Prerequisite:* Psychology 1 and 2; consent of the instructor.

20. SYSTEMATIC PSYCHOLOGY.—Psychological analysis and construction. Lectures and essays. For advanced students. II; (3). Professor BENTLEY

*Prerequisite:* Consent of the instructor.

21-22. SPECIAL STUDIES.—Individual investigations, for advanced students, in the form of essay or of experiment. I, II; (3). Dr. SULLIVAN, Dr. CULLER

*Prerequisite:* Psychology 12 or 13.

25. PSYCHOLOGY AND ATHLETICS.—For students in Athletic Coaching. Psychological analysis of the sports; the mind of the athlete; psychological facts and athletic competition; morale; the nature of play; mental health. II; (3). Assistant Professor GRIFFITH

*Prerequisite:* Psychology 1.

27a-27b. THESIS AND HONORS COURSE.—For students who are candidates for high honors. I, II; (2). Professor BENTLEY

*Prerequisite:* Psychology 1, 2, 3; consent of the department.

#### COURSES FOR GRADUATES

103. RESEARCH.—Experimental and historical investigations. I, II; ( $1\frac{1}{2}$  to 2 units). Professor BENTLEY, Assistant Professor GRIFFITH

105. SEMINAR.—Discussion of current topics in their historical setting. I, II; (1 unit). Professor BENTLEY

#### SUMMER SESSION COURSES

#### COURSES FOR UNDERGRADUATES

S1. INTRODUCTION TO PSYCHOLOGY.—( $2\frac{1}{2}$ ).

Assistant Professor GRIFFITH, Mr. KINGSLEY

*Prerequisite:* Sophomore standing or consent of the instructor.

*Equivalent:* Psychology 1 (in part).

S2. GENERAL PSYCHOLOGY.—(2).

Mr. HIGGINSON

*Prerequisite:* Psychology 1 or senior standing.

*Equivalent:* Psychology 2 (in part).

#### COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

S13. MINOR PROBLEMS.—(1 to 2).

Assistant Professor GRIFFITH

*Prerequisite:* The equivalent of Psychology 1 and one other course, preferably training in elementary laboratory experiment, or consent of the instructor.

*Equivalent:* Psychology 13.

S16. GENETIC PSYCHOLOGY.—(2).

Mr. KINGSLEY

*Prerequisite:* Psychology 1 or the consent of the instructor.

*Equivalent:* Psychology 16.

S25. PSYCHOLOGY AND ATHLETICS.—For students in Athletic Coaching. (2).

Assistant Professor GRIFFITH

*Prerequisite:* Psychology 1 or the consent of the instructor.

*Equivalent:* Psychology 25 (in part).

#### COURSES FOR GRADUATES

S105. SEMINAR.—Discussion of current topics in their historical setting. (1 unit).

Assistant Professor GRIFFITH



## PUBLIC SPEAKING

(See ENGLISH LANGUAGE AND LITERATURE.)

## RAILWAY ADMINISTRATION

(See TRANSPORTATION.)

## RAILWAY ENGINEERING

Professors SCHMIDT, SNODGRASS, KING; Assistant Professor TUTHILL, Mr. PARKINSON, Mr. MITCHELL

Railway Civil Engineering—Courses 31-51.  
 Railway Electrical Engineering—Courses 59-74.  
 Railway Mechanical Engineering—Courses 1-9.  
 Common to all groups—Courses 25, 98, and 99.  
 Graduate Courses—Courses 100-110.

## COURSES FOR UNDERGRADUATES

2. LOCOMOTIVE DESIGN.—Calculations and designs of engine and boiler details; current standards and proportions. Drafting room systems. I; (3). Mr. PARKINSON  
*Prerequisite:* Mechanical Engineering 13, 16, 64; Railway Engineering 4.

3. LOCOMOTIVES.—Locomotives and locomotive terminal facilities. I; (2). Mr. PARKINSON  
*Prerequisite:* Junior standing in the College of Engineering.

4. LOCOMOTIVES.—Mechanics, performance, design. A continuation of Railway Engineering 3. II; (3). Mr. PARKINSON  
*Prerequisite:* Railway Engineering 3; Theoretical and Applied Mechanics 21 and 29; registration in Mechanical Engineering 64.

5. RAILWAY LABORATORY.—Locomotive testing; experimental work with test cars; brakeshoe and drop testing machines; air-brake apparatus. I; (3). Professor SNODGRASS  
*Prerequisite:* Railway Engineering 4; Mechanical Engineering 13, 16, 64.

7. ADVANCED DESIGN.—Problems in locomotive and car design. II; (3). Mr. PARKINSON  
*Prerequisite:* Railway Engineering 2.

8. RAILWAY LABORATORY.—Train resistance and locomotive tractive effort; the railway test car. Analysis of results; tonnage rating problems. II; (2). Professor SNODGRASS  
*Prerequisite:* Railway Engineering 5.

9. SEMINAR.—Discussion of current topics and review of railway journals; topics and reports. I; (1). Professor SCHMIDT  
*Prerequisite:* Open to seniors in railway courses only.

25. RAILWAY DEVELOPMENT.—History and organization of steam and electric railways; statistics, costs. I; (3). Professors SNODGRASS, KING  
*Prerequisite:* Junior standing.

31. RAILWAY YARDS AND TERMINALS.—Theory of design; arrangement of grades in gravity yards; problems. I; (3). Professor KING  
*Prerequisite:* Civil Engineering 51, or senior standing in railway engineering.

32. RAILWAY CONSTRUCTION.—Advanced course in design; cost analysis; estimates of cost, complete working drawings, contracts and specifications. II; (3). Professor KING  
*Prerequisite:* Civil Engineering 51.

33. ECONOMIC THEORY OF RAILWAY LOCATION.—Influence of volume of traffic, alignment, and gradient on operating expenses; locomotive and grade problems; relocation of existing lines. II; (4).  
Professor KING

*Prerequisite:* Civil Engineering 51; Theoretical and Applied Mechanics 20, 21.

35. RAILWAY SIGNALING.—Block and route signaling; systems in use; history; railway accidents. I; (1).  
Professor KING

*Prerequisite:* Senior standing in Engineering.

36. RAILWAY MAINTENANCE.—Track materials; timber preservation; seasonal work; maintenance of way standards. II; (3).  
Professor KING

*Prerequisite:* Civil Engineering 51.

37. RAILWAY MAINTENANCE.—Stresses in track; track design. I; (2).

Professor KING

*Prerequisite:* Railway Engineering 36.

51. SEMINAR.—Discussion of current topics and review of railway journals; assigned topics and reports. II; (1).  
Professor KING

*Prerequisite:* Open to seniors in railway courses only.

59. ELECTRIC RAILWAY PRINCIPLES.—Mechanics of traction; train resistance; railway motors; problems. I; (2).  
Assistant Professor TUTHILL

*Prerequisite:* Registration in Theoretical and Applied Mechanics 25 and Electrical Engineering 25, 75.

60. ELECTRIC RAILWAY PRINCIPLES.—(Continuation of 59). Graphic time charts; distribution systems; feeder calculations; electrolysis; sub-stations. II; (2).

Assistant Professor TUTHILL

*Prerequisite:* Railway Engineering 59; Theoretical and Applied Mechanics 25; Electrical Engineering 25, 75.

61. ELECTRIC TRACTION.—Electric railway theory and practice for students of other engineering departments. II; (3).  
Assistant Professor TUTHILL

*Prerequisite:* Theoretical and Applied Mechanics 21 or 25, Electrical Engineering 11, 61, or 25, 75.

62. ELECTRIC RAILWAY LABORATORY.—Tests of electrical machinery used in railway service. I; (2).  
Assistant Professor TUTHILL

*Prerequisite:* Railway Engineering 60.

63. ELECTRIC RAILWAY LABORATORY.—(Continuation of 62). Tests of electrical machinery; tests with the electric test car and the steam road dynamometer car. II; (2).

Assistant Professor TUTHILL

*Prerequisite:* Railway Engineering 62, 64.

64. ELECTRIC RAILWAY PRACTICE.—Energy consumption; tonnage rating of steam and electric locomotives; braking of electric railway trains; cars and car equipment. I; (3).  
Assistant Professor TUTHILL

*Prerequisite:* Theoretical and Applied Mechanics 25; Electrical Engineering 26, 76; Railway Engineering 60.

67. SEMINAR.—Discussion of current topics and review of railway journals; assigned topics and reports. I; (1).  
Professor SCHMIDT

*Prerequisite:* Open to seniors in railway courses only.

71. ELECTRIC RAILWAY MACHINERY.—Railway motors, transformers, and sub-station-equipment. I; (2).  
Assistant Professor TUTHILL

*Prerequisite:* Railway Engineering 60; Electrical Engineering 26, 76.

74. ELECTRIC RAILWAY ECONOMICS.—Location and operation; choice of systems; transmission and distribution circuits; maintenance of way and of equipment; electrification of steam roads. II; (3).  
Assistant Professor TUTHILL

*Prerequisite:* Railway Engineering 64.

98. THESIS.—Independent solution of some problem, or investigation. The thesis may consist of an original design or experimental investigation, or may be the analysis and discussion of facts already in existence. II; (3).

Professors SCHMIDT, SNODGRASS, KING, TUTHILL

99. INSPECTION TRIP.—I; (*no credit*).

*Prerequisite:* Senior standing.

#### COURSES FOR GRADUATES

Entrance on graduate work in railway engineering presupposes the full undergraduate course in that subject.

102. LOCOMOTIVE DESIGN.—Steam pressure, compounding, superheating. I, II; (1 unit). Professor SNODGRASS

106. LOCOMOTIVE OPERATION.—Train resistance and locomotive tractive effort; tonnage ratings. I, II; (1 unit). Professor SCHMIDT

[108. ELECTRIC RAILWAY PRACTICE.—I, II; (1 unit). Not given in 1923-24.

110. RAILWAY LOCATION.—Effect of location on earning capacity; problems in original location, relocation and reduction of grades of existing lines. I, II; (1 unit).

Professor KING

#### ROMANCE LANGUAGES AND LITERATURE

Professors MCKENZIE, OLIVER, FITZ-GERALD, CARNAHAN; Assistant Professors VAN HORNE, HAMILTON; Dr. SEYMOUR, Dr. MARTIN, Mr. T. A. FITZGERALD, Mr. SOTO, Miss WOODBRIDGE, Miss SMITHERS, Miss ANDERSON, Mr. BERZUNZA, Miss BREATHWIT, Miss DALLERA, Miss MELVIN, Miss MILES, Mrs. MILLS, Miss LADD, Miss LONGI, Miss PIERSON, Mr. THARP, Miss TONONE, Mr. VANCE, Miss VAN SANDT, Mr. ALEXANDER, Mrs. BUTLER, Miss COLEMAN, Miss GARDNER, Miss KENNEDY, Miss MAYER, Miss WILSON. *Cooperating in Summer Session:* Associate Professors CHEYDLEUR, DALE; Dr. STORER

#### FRENCH

MAJOR: 20 hours of French, exclusive of French 1a, 1b, 2a, 6a, 6b.

MINOR: 20 hours in not more than two of the following subjects: comparative literature, English (excluding Rhetoric 1-2), German, Greek, history, Italian, Latin, Spanish; provided that at least 8 hours must be taken in any subject chosen.

#### SPANISH

MAJOR: 20 hours of Spanish, exclusive of Spanish 1a, 1b, 2a.

MINOR: 20 hours in not more than two of the following subjects: comparative literature, English (excluding Rhetoric 1-2), French, German, Greek, history, Italian, Latin; provided that at least 8 hours must be taken in any chosen subject.

#### ROMANCE LANGUAGES

MAJOR: 20 hours in some one Romance language, exclusive of French 1a, 1b, 2a, 6a, 6b; Spanish 1a, 1b, 2a.

MINOR: 20 hours in not more than two of the following subjects: comparative literature, English (excluding Rhetoric 1-2), French, German, Greek, history, Italian, Latin, Spanish; provided that at least 12 hours be taken in some one Romance language other than the language of the major, and exclusive of French 1a, 6a, 6b; Italian 1a; Spanish 1a; and provided that not fewer than 8 hours must be taken in any subject chosen.

#### A. FRENCH

##### COURSES FOR UNDERGRADUATES

1a-1b. ELEMENTARY COURSE.—Grammar; pronunciation; reading of modern authors; composition; conversation. (Open to students who have had no previous work in French.) I, II; (4).

Assistant Professor HAMILTON (in charge); Mr. ALEXANDER, Miss BREATHWIT, Mrs. BUTLER, Miss COLEMAN, Miss GARDNER, Miss MILES, Mrs. MILLS, Mr. THARP, Miss TONONE, Miss WOODBRIDGE, Mr. VANCE.

2a-2b. MODERN PROSE, POETRY, AND DRAMA.—Rapid reading of modern authors; syntax and composition. I, II; (4).

Professor OLIVER (in charge); Mr. ALEXANDER, Miss ANDERSON, Mrs. BUTLER, Mr. T. A. FITZGERALD, Miss LONGI, Mrs. MILLS, Miss PIERSON, Mr. THARP, Miss TONONE, Miss WILSON.

*Prerequisite:* French 1a-1b, or the equivalent.

3a-3b. INTRODUCTION TO FRENCH LITERATURE.—Authors of the last three centuries. I, II; (3).

Professor FITZGERALD (in charge); Professors CARNAHAN, OLIVER; Miss ANDERSON, Miss LONGI, Miss WOODBRIDGE.

*Prerequisite:* French 2a-2b, or the equivalent.

6a-6b. SECOND-YEAR CONVERSATION.—Three hours weekly of class-room exercise, with two hours of credit. (Does not count toward a major in French or in Romance Languages.) I, II; (2).

Mrs. BUTLER, Miss LONGI, Miss MAYER, Miss TONONE  
*Prerequisite:* French 1a-1b with a grade of at least B; or the equivalent of two years of college French.

7a-7b. INTERMEDIATE COMPOSITION AND CONVERSATION.—Conducted in French, giving facility in idiomatic expression in writing and speaking. I, II; (2).

Mrs. BUTLER, Miss LONGI, Miss TONONE

*Prerequisite:* French 2a-2b with a grade of at least B; or French 6a-6b.

NOTE.—Required of those who are given the recommendation of the department to teach French.

8a-8b. ADVANCED COMPOSITION AND CONVERSATION.—Idiomatic constructions; syntax; themes. Conducted entirely in French. I, II; (2). Miss LONGI, Miss MAYER, Mrs. BUTLER

*Prerequisite:* French 7a-7b.

25. COURSE FOR TEACHERS.—Methods of teaching French; discussion of class-room problems. I; (2).

Professor CARNAHAN

*Prerequisite:* Twenty-two hours' credit in French, or sixteen hours' credit in French plus twenty-two hours' credit in Spanish.

28a-28b. SENIOR THESIS.—For candidates for honors in French; open to other seniors. I, II; (2).

Members of the Department

#### COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

*Prerequisite for the following courses:* French 3a-3b or the equivalent, and junior standing; or senior standing and the consent of the instructor.

10a-10b. SURVEY OF FRENCH LITERATURE.—The main currents of French literature from the beginning to the present time. I, II; (3).

Professor CARNAHAN

17a-17b. FRENCH DRAMA OF THE NINETEENTH AND TWENTIETH CENTURIES.—I, II; (2).

Professor MCKENZIE

24a-24b. SEVENTEENTH AND EIGHTEENTH CENTURY DRAMA.—Corneille, Racine, Moliere, Voltaire, Marivaux, Sedaine, Beaumarchais. Lectures; interpretation. I, II; (3).

Professor OLIVER

42a-42b. THE FRENCH NOVEL.—From 1850 to the present time. Lectures; reports; collateral reading. I, II; (2).

Assistant Professor HAMILTON

#### COURSES FOR GRADUATES

Before entering on the study of Romance Languages as a major for the degree of A.M., the candidate must have had at least (a) three years of college work in one Romance language, and a reading knowledge, satisfactory to the department, of another Romance language; or (b) two years of college work in each of two Romance languages. In either case a reading knowledge of German is highly desirable. Before being accepted as a recognized candidate for the degree of Ph.D., he must have had in addition satisfactory training in Latin, and must be able to read ordinary German prose.

Before entering on the study of Romance languages as a first or second minor for an advanced degree, the candidate must have had at least two years of college work in the language desired.

101. OLD FRENCH EPIC LITERATURE.—Reading and interpretation of the greater national and courtly epics; history of these types of medieval literature. I, II; (1 unit).  
Professor OLIVER

103. SEVENTEENTH CENTURY PROSE WRITERS.—I, II; ( $\frac{1}{2}$  unit). Professor OLIVER

[104. EIGHTEENTH CENTURY PROSE WRITERS.—Society, culture, and prose literature of the eighteenth century. I, II; (1 unit). Not given in 1923-24. Professor OLIVER]

127. FRENCH ROMANTICISM.—Origin and development of the Romantic movement in France. I, II; (1 unit).  
Professor CARNAHAN

## B. ITALIAN

### COURSES FOR UNDERGRADUATES

1a-1b. ELEMENTARY COURSE.—Grammar; composition; conversation; reading. I, II; (4).  
Assistant Professor VAN HORNE

[2a-2b. CONVERSATION AND REVIEW OF THE GRAMMAR.—I, II; (2).  
*Prerequisite:* Italian 1a-1b. Not given in 1923-24.]

### COURSE FOR ADVANCED UNDERGRADUATES AND GRADUATES

3a-3b. INTRODUCTION TO ITALIAN LITERATURE.—I, II; (2). Professor MCKENZIE  
*Prerequisite:* Italian 1a-1b; junior standing.

### COURSES FOR GRADUATES

[140. ITALIAN LITERATURE OF THE THIRTEENTH AND FOURTEENTH CENTURIES.—Dante, Petrarch, Boccaccio. I, II; (1 unit). Not given in 1923-24. Professor MCKENZIE]

[143. ITALIAN LITERATURE OF THE FIFTEENTH AND SIXTEENTH CENTURIES.—I, II; (1 unit). Not given in 1923-24. Professor MCKENZIE]

146. MODERN ITALIAN LITERATURE.—I, II; (1 unit). Professor MCKENZIE

## C. SPANISH

### COURSES FOR UNDERGRADUATES

1a-1b. ELEMENTARY COURSE.—Grammar; pronunciation; reading; composition; conversation. (Open to students who have had no previous work in Spanish.) I, II; (4).  
Assistant Professor VAN HORNE (in charge); Assistant Professor HAMILTON, Dr. MARTIN, Miss ANDERSON, Mr. BERZUNZA, Miss BREATHWIT, Miss DALLERA, Mr. T. A. FITZGERALD, Miss KENNEDY, Miss LADD, Miss MELVIN, Miss MILES, Miss PIERSON, Miss SMITHERS, Mr. THARP, Mr. VANCE, Miss VAN SANDT, Miss WILSON.

2a-2b. MODERN SPANISH.—Rapid reading; review of grammar; conversation on topics of every day life; composition. I, II; (4).

Dr. SEYMOUR (in charge), Dr. MARTIN, Miss BREATHWIT, Mr. T. A. FITZGERALD, Miss KENNEDY, Miss LADD, Miss MELVIN, Miss SMITHERS, Miss VAN SANDT.

*Prerequisite:* Spanish 1a-1b, or an equivalent.

3a-3b. INTRODUCTION TO SPANISH LITERATURE.—Reading of modern authors, and of authors of the seventeenth century. I, II; (3).  
Dr. SEYMOUR, Dr. MARTIN

*Prerequisite:* Spanish 2a-2b, or an equivalent.

5a-5b. COMMERCIAL SPANISH.—I, II; (2). Dr. SEYMOUR, Mr. SOTO, Mr. BERZUNZA  
*Prerequisite:* Spanish 2a-2b, or the equivalent.

7a-7b. INTERMEDIATE COMPOSITION AND CONVERSATION.—Conducted in Spanish.  
 I, II; (2). Miss DALLERA, Miss SMITHERS, Miss WILSON  
*Prerequisite:* Spanish 2a-2b.

8a-8b. ADVANCED COMPOSITION AND CONVERSATION.—I, II; (2).  
 Miss DALLERA, Mr. SOTO  
*Prerequisite:* Spanish 7a-7b.

25. COURSE FOR TEACHERS.—Methods of teaching Spanish; discussion of class-room  
 problems. II; (2). Assistant Professor VAN HORNE

*Prerequisite:* Twenty-two hours' credit in Spanish, or sixteen hours' credit in Spanish  
 plus twenty-two in French.

28a-28b. SENIOR THESIS.—For candidates for honors in Spanish. Open to other  
 seniors. I, II; (2). Members of the Department

#### COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

*Prerequisite for the following courses:* Spanish 3a-3b and junior standing, or senior standing  
 and permission of the instructor.

10a-10b. GENERAL SURVEY OF SPANISH LITERATURE.—I, II; (3).  
 Assistant Professor HAMILTON

[11a-11b. SPANISH DRAMA OF THE SIXTEENTH AND SEVENTEENTH CENTURIES.—  
 Earlier dramatists; representative plays of Lope de Vega, Calderon, Ruiz de Alarcon, and  
 Tirso de Molina. I, II; (2). Not given in 1923-24.]

17a-17b. SPANISH DRAMA OF THE NINETEENTH CENTURY.—I, II; (2).  
 Assistant Professor VAN HORNE

#### COURSES FOR GRADUATES

[132. THE NOVELA OF THE GOLDEN AGE.—I, II; (1 unit). Not given in 1923-24.  
 Professor FITZ-GERALD]

[133. ORIGIN OF THE SPANISH NOVELA AND OF THE COMEDIA.—I, II; (1 unit). Not  
 given in 1923-24. Professor FITZ-GERALD]

[134. THE SPANISH BALLAD.—I, II; (1 unit). Not given in 1923-24. Dr. SEYMOUR]

[135. MODERN NOVEL.—I, II; (1 unit). Not given in 1923-24. Dr. SEYMOUR]

136. ORIGINS OF SPANISH LITERARY MOVEMENTS IN THE NINETEENTH CENTURY.—I,  
 II; (1 unit). Assistant Professor VAN HORNE

137. SPANISH SATIRE.—I, II; (1 unit). Dr. SEYMOUR

139. SPANISH LITERATURE IN THE MIDDLE AGES.—I, II; (1 unit).  
 Professor FITZ-GERALD

#### D. ROMANCE PHILOLOGY

##### COURSES FOR GRADUATES

171. INTRODUCTION TO ROMANCE PHILOLOGY.—I, II; (1 unit).  
 Professor FITZ-GERALD

173. VULGAR LATIN.—I, II; (1 unit). Dr. MARTIN

175. OLD FRENCH PHONOLOGY AND MORPHOLOGY.—Development of Old French  
 from Vulgar Latin. I, II; (1 unit). Professor OLIVER

[179. OLD PROVENÇAL.—I, II; ( $\frac{1}{2}$  unit). Not given in 1923-24.]

[181. ORIGIN AND FORMATION OF THE ITALIAN LANGUAGE.—II; (1 unit). Not given in 1923-24. Professor McKENZIE]

185. OLDEST MONUMENTS OF THE SPANISH LANGUAGE; ORIGINS OF SPANISH POETRY. I, II; (1 unit). Professor FITZ-GERALD

[191. FABLES AND BESTIARIES.—II; (1 unit). Not given in 1923-24. Professor McKENZIE]

195. SEMINAR.—Research work in preparation for theses in the field of Romance Languages. I, II; (1 unit). Professor McKENZIE and other members of the Department

#### SUMMER SESSION COURSES

#### A. FRENCH

##### COURSES FOR UNDERGRADUATES

81. ELEMENTARY COURSE.—PRONUNCIATION, GRAMMAR, reading of easy prose. (4). Mr. THARP, Mr. ALEXANDER

*Equivalent:* French 1a, or one year of high school French.

82. MODERN PROSE AND DRAMA.—Rapid reading of modern authors; review of GRAMMAR; composition and syntax. (2). Professor OLIVER

*Prerequisite:* One year of college French or the consent of the instructor.

*Equivalent:* French 2a (in part). Students may earn four credits in second-year French by taking 84 in addition.

84. GRAMMAR AND SYNTAX.—Special attention to the chief difficulties of modern French syntax. (2). Associate Professor CHETOLLEUR

*Prerequisite:* One year of college French, or its equivalent, with minimum grade of B. Recommended for prospective teachers of French.

87. INTERMEDIATE COMPOSITION AND CONVERSATION.—Study and practice of idiomatic expression in speaking and writing. (2). Mr. ALEXANDER

*Prerequisite:* Two years of college French or consent of the instructor.

*Equivalent:* French 3a.

##### COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

*Prerequisite for following courses:* Three years of college French or the equivalent.

89. MODERN FRENCH NOVEL.—Lectures, readings, and reports. (2). Associate Professor CHETOLLEUR

91. FRENCH PROVERBS.—Study of proverbs with special reference to teachers of French. (1). Associate Professor CHETOLLEUR

##### COURSES FOR GRADUATES

A cycle of four courses dealing with French literature of the seventeenth, eighteenth, and nineteenth centuries will be given in four successive summer sessions.

923. SEVENTEENTH CENTURY FRENCH LITERATURE.—Lectures and outside reading. (1 unit). Professor OLIVER

*Prerequisite:* Graduate standing or the consent of the instructor.

925. RESEARCH WORK, INCLUDING WORK IN PREPARATION FOR THESES.—Special topics in French literature. ( $\frac{1}{2}$  to 1 unit). Professor OLIVER

## B. SPANISH

## COURSES FOR UNDERGRADUATES

S1. **ELEMENTARY COURSE.**—Pronunciation, grammar, reading of easy prose. (4).  
*Equivalent:* Spanish 1a, or one year of high school Spanish.  
 Dr. STORER, Miss PIERSON

S2. **MODERN SPANISH.**—Rapid reading; review of grammar, composition. (3).  
*Prerequisite:* One year of college Spanish or the consent of the instructor.  
 Associate Professor DALE

*Equivalent:* Spanish 2a (in part). Students may earn four credits in second-year Spanish by taking S4 in addition.

S4. **GRAMMAR AND SYNTAX.**—Special attention to the chief difficulties of modern Spanish syntax. (1).  
 Dr. SEYMOUR

*Prerequisite:* One year of college Spanish, or its equivalent, with minimum grade of B.

S7. **INTERMEDIATE COMPOSITION AND CONVERSATION.**—Study and practice of idiomatic expression in speaking and writing. (2).  
 Dr. SEYMOUR

*Prerequisite:* Two years of college Spanish or consent of the instructor.

*Equivalent:* Spanish 7a.

S25. **TEACHERS' COURSE.**—Methods of teaching; grammatical problems. (2).  
 Associate Professor DALE

*Equivalent:* Spanish 25.

## COURSES FOR GRADUATES

A cycle of four courses, dealing with Spanish drama and prose of the seventeenth and nineteenth centuries, will be given in four successive summer sessions.

S135. **MODERN SPANISH NOVEL.**—Development of the novel in Spain from the middle of the nineteenth century to the present. (1 unit).  
 Dr. SEYMOUR

*Prerequisite:* Graduate standing or consent of the instructor.

S195. **RESEARCH WORK INCLUDING WORK IN PREPARATION FOR THESES.**—Special topics in Spanish Literature. ( $\frac{1}{2}$  to 1 unit).  
 Associate Professor DALE

## SCANDINAVIAN

(See ENGLISH LANGUAGE AND LITERATURE.)

## SOCIAL SCIENCES

(See ECONOMICS, HISTORY, POLITICAL SCIENCE, AND SOCIOLOGY.)

## SOCIOLOGY

Professor HAYES; Assistant Professor SUTHERLAND, BABER; Dr. RATLIFF, Mr. HILLER, Mr. SORRELL. *Cooperating:* Associate Professor WATKINS

MAJOR: 20 hours from any courses offered in the department.

MINOR: 20 hours in any two of the following subjects: history, economics, political science, philosophy, and psychology.

## COURSES FOR UNDERGRADUATES

1. **PRINCIPLES OF SOCIOLOGY AND THEIR APPLICATION TO PRESENT PROBLEMS.**—I or II; (3).  
 Dr. RATLIFF, Assistant Professor BABER, Mr. HILLER, Mr. SORRELL

*Prerequisite:* Junior standing.

\*On leave of absence.



7. SOCIAL PROBLEMS OF AGRICULTURAL SOCIETY.—Population changes; land ownership; farmers' organizations; rural institutions; defects and suggested solutions. I or II; (3). Dr. RATCLIFFE  
*Prerequisite:* For students from rural homes, 45 hours; for others, junior standing.

## COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

2. SOCIAL RELATIONS.—Social ascendancy or individual ascendancy; suggestibility, conventionality, imitation, custom, etc. I; (3). Assistant Professor BARER  
*Prerequisite:* Sociology 1.

3. SOCIAL EVOLUTION.—Antiquity of man; racial divisions; family organization; practical arts; economic wants and institutions; government and law; morality, religions. II; (3). Assistant Professor BARER  
*Prerequisite:* Sociology 1.

8. CHARITIES.—Modern philanthropy; dependency; charitable institutions. I; (3). Assistant Professor SUTHERLAND  
*Prerequisite:* Sociology 1 or Economics 1; junior standing.

9. CRIMINOLOGY.—Crime as human behavior; personality of the delinquent; modern procedure. II; (3). Assistant Professor SUTHERLAND  
*Prerequisite:* Sociology 1; open without other prerequisites to pre-legal students who have senior standing.

10. POPULATION PROBLEMS.—Theories and policies; Malthus' law; problems in the United States. I; (3). Mr. HILLER  
*Prerequisite:* Sociology 1 or Economics 1; senior standing.

- [17. THE SOCIAL SURVEY.—II; (3). Not given in 1923-24. Assistant Professor SUTHERLAND  
*Prerequisite:* Sociology 1.]

- [25. MORALITY AS A FACTOR IN SOCIAL EVOLUTION AND SOCIAL ORGANIZATION.—II; (3). Not given in 1923-24. Professor HAYES  
*Prerequisite:* Sociology 1.]

27. THE RURAL COMMUNITY AND ITS ORGANIZATION.—History. II; (2). Dr. RATCLIFFE  
*Prerequisite:* Sociology 7, or concurrent registration in it.

28. IMMIGRATION AND ASSIMILATION.—Immigration as a problem in the contact of cultures; Americanization and assimilation. II; (3). Mr. HILLER  
*Prerequisite:* Sociology 1.

- 41-42. LABOR PROBLEMS.—Same as Economics 41, 42. I, II; (3). Associate Professor WATKINS  
*Prerequisite:* Economics 1 or 2; junior standing.

44. SOCIALISM AND ECONOMIC REFORM.—Same as Economics 44. I; (2). Associate Professor WATKINS  
*Prerequisite:* Economics 1 or 2; senior standing.

## COURSES FOR GRADUATES

Preparation for graduate work in sociology must include the equivalent of twelve semester hours in the social sciences, of which at least three must be in sociology, and three in the principles of economics. The remainder may be in any combination of these two subjects, or of history and political science.

- [100. BASES OF SOCIAL THEORY.—I; ( $1\frac{1}{2}$  to 1 unit). Not given in 1923-24. Professor HAYES]

- [102. THE DEVELOPMENT OF SOCIOLOGY.—I, II; (1 unit). Not given in 1923-24. Professor HAYES]

109. RESEARCH IN CRIMINOLOGY.—I, II; (1 unit). Assistant Professor SUTHERLAND
150. SEMINAR.—Detection and statement of problems; preparation of theses. I, II; (1 unit). Assistant Professor SUTHERLAND

SUMMER SESSION COURSES

COURSE FOR UNDERGRADUATES

- (3). S1. THE PRINCIPLES OF SOCIOLOGY AND THEIR APPLICATION TO PRESENT PROBLEMS. Dr. DUNCAN  
*Prerequisite:* Junior standing or equivalent.  
*Equivalent:* Sociology 1.

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

- S9. CRIMINOLOGY.—(3). Assistant Professor SUTHERLAND  
*Prerequisite:* Sociology 1, or consent of instructor.  
*Equivalent:* Sociology 9.
- S10. POPULATION.—(3). Dr. DUNCAN  
*Prerequisite:* Sociology 1 or Economics 1; in addition senior standing or consent of instructor.  
*Equivalent:* Sociology 10.
- S17. SOCIAL SURVEYS AND INVESTIGATIONS.—(3). Assistant Professor SUTHERLAND  
*Prerequisite:* Sociology 1.  
*Equivalent:* Sociology 17.

TRANSPORTATION

Mr. HERRMANN, Mr. LOCKLIN, Mr. GREEN. *Cooperating:* Professor LITMAN

COURSES FOR UNDERGRADUATES

1. TRANSPORTATION SYSTEM OF THE UNITED STATES.—Development and relation to the public. I; (3). Mr. HERRMANN, Mr. LOCKLIN, Mr. GREEN  
*Prerequisite:* Junior standing; Economics 1 or 2.
12. RATES AND REGULATIONS.—History and theory of rates; shipment of freight, routing, claims, commission procedure, etc. II; (3). Mr. HERRMANN, Mr. LOCKLIN, Mr. GREEN  
*Prerequisite:* Transportation 1.

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

2. EUROPEAN RAILROADS.—History and public policy of railroads of Continental Europe and England. II; (3). Mr. LOCKLIN  
*Prerequisite:* Transportation 1.
7. RAILROAD FINANCE.—I; (3). Mr. HERRMANN  
*Prerequisite:* Transportation 1.
8. RAILROAD ORGANIZATION AND WORKING.—Departments of American railroad organization and their functions. II; (3). Mr. HERRMANN  
*Prerequisite:* Senior standing; Transportation 1.
17. TERMINALS AND TRAINS.—Freight and passenger terminals and terminal management. I; (3). Mr. HERRMANN  
*Prerequisite:* Transportation 1 and 2.

22. OCEAN SHIPPING.—Ocean transportation; ports and terminals. I; (3).

Professor LITMAN

*Prerequisite:* Transportation 1.

26. RAILROAD PROBLEMS.—Location, maintenance, replacements, etc. II; (3).

Mr. HERRMANN

*Prerequisite:* Transportation 1, 12, 7 and 17.

#### SUMMER SESSION COURSE

- S1. TRANSPORTATION SYSTEM OF THE UNITED STATES.—(3).

Mr. HERRMANN

*Prerequisite:* Economics 1; junior standing.

*Equivalent:* Transportation 1.

### ZOOLOGY

(Including ANATOMY.)

Professors WARD, SMITH, ZELENY; Associate Professors SHELFORD, VAN CLEAVE, SHUMWAY; Assistant Professor ADAMS; Dr. KUDO, Dr. THOMAS, Mr. BROWN, Mr. MAYHEW, Mr. CAHN, Mr. DORMAN, Mr. STEGGERDA, Mr. FURROW, Mr. EIGENBRODT, Mr. CAUSEY, Miss LEONARD, Mr. MANTER, Miss NOTHENBERG, Mr. ESSEX, Miss WICKS, Miss STRUNK, Miss HARTWELL, Mr. PACKARD, Miss BUCK, Mr. TISCHLER, Mrs. FURROW

MAJOR: 20 hours from any courses offered in the department, excluding Zoology 1, and including Zoology 2, 3, 4, and 5 (or 7).

MINOR: 20 hours chosen from two or three of the following subjects: animal husbandry, bacteriology, botany, chemistry, entomology, physics, physiology, psychology, paleontology, and physiography.

Courses 1 and 2 constitute an introduction to later work in zoology. In the second year, a student may choose as a line of work either morphological, experimental, ecological, faunistic, or systematic courses. The courses on microscopical technic (3), heredity (5), and evolution (7), and current investigations (20) are of value for all students. Medical students should take courses 3 and 6 the second year. Those preparing to teach zoology in the high school should take invertebrate morphology (4), field zoology (16, 17), ecology (9, 11), and a course in general entomology.

#### COURSES FOR UNDERGRADUATES

1. GENERAL ZOOLOGY.—Animal biology; structure, function, interrelations, origin, and development of animal life. Modern theories. Lectures; laboratory; quiz. I or II; (5).

Professor WARD, Associate Professor SHELFORD, Dr. KUDO, Dr. THOMAS, and assistants

2. VERTEBRATE ZOOLOGY.—Systems and organs in vertebrates; their function and evolution. Lectures; laboratory; quiz. II; (5).

Assistant Professor ADAMS and assistants

*Prerequisite:* Zoology 1.

4. INVERTEBRATE MORPHOLOGY.—Lower invertebrates; structure and development. Application of biological principles. Laboratory; lectures; demonstrations. II; (3).

Associate Professor VAN CLEAVE

*Prerequisite:* Zoology 1.

- 5.<sup>1</sup> HEREDITY.—Lectures; demonstrations; readings. II; (2).

Professor ZELENY

*Prerequisite:* One year of university work.

3. MICROSCOPICAL TECHNIC AND EARLY VERTEBRATE EMBRYOLOGY.—Microscopical technic using embryos of chick and pig; early stages of vertebrate development. Lectures; laboratory. I; (3).

Associate Professor SHUMWAY and assistants

*Prerequisite:* Zoology 1, 2.

<sup>1</sup>Credit may not be received for both Zoology 5 and Zoology 15.

6. VERTEBRATE ORGANOGENY.—Later stages of vertebrate development; embryology of man; embryos of the chick and pig. Lectures; laboratory. Continuation of 3. II; (3). Associate Professor SHUMWAY and assistants

*Prerequisite:* Zoology 1, 2, and 3.

7. EVOLUTION.—With special reference to the biological processes in which man is involved. Lectures; demonstrations; discussions.

Professor ZELENY and assistants with members of the departments of Botany, Geology, Psychology, and Astronomy.

*Prerequisite:* 30 hours of university work, including one semester of laboratory science or its equivalent in high-school courses.

9. ANIMAL ECOLOGY.—Relations of animals to their natural environments. Field and experimental work; lectures. II; (3). Associate Professor SHELFORD

*Prerequisite:* One year of zoology or one and one-half years of university work, including Zoology 1.

15.<sup>1</sup> GENETICS.—Lectures; demonstrations; discussions. (For students in the College of Agriculture.) Professor ZELENY and assistants

*Prerequisite:* General botany and entomology or zoology.

16. ECONOMIC ORNITHOLOGY.—Birds of the vicinity. Identification; food relations; seasonal distribution; migration activities; economic importance; conservation. Lectures; readings; field trips. II; (2). Associate Professor VAN CLEAVE and assistants

17. FIELD ZOOLOGY.—Collection, preservation, and identification of lower vertebrates and land and fresh-water invertebrates; identification work; habits and life histories of selected forms. Field and laboratory work; readings. I; (4).

Associate Professor VAN CLEAVE and assistants

*Prerequisite:* One year in zoology.

[18. ADVANCED FIELD ZOOLOGY.—(Continuation of 17). II; (3 to 5).<sup>2</sup> Not given in 1923-24. Professor SMITH

*Prerequisite:* Zoology 17.]

[19a. ADVANCED ORNITHOLOGY.—(Continuation of 16). I; (2 or 3).<sup>2</sup> Not given in 1923-24. Professor SMITH

*Prerequisite:* Zoology 16.]

#### COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

11. EXPERIMENTAL ECOLOGY AND GEOGRAPHY.—Physiology of environmental relations; behavior; ecology; animal distribution. I; (2 or 4).<sup>2</sup>

Associate Professor SHELFORD

*Prerequisite:* One year of zoology and senior standing.

63. COMPARATIVE VERTEBRATE EMBRYOLOGY.—Cellular embryology; germ layers; early organogeny; technical methods. Lectures; readings; reports; laboratory. (Open to seniors and graduate students.) I; (2 or 4).<sup>2</sup> Associate Professor SHUMWAY

*Prerequisite:* Zoology 2 or its equivalent, and senior standing.

66. ONTOGENY OF VERTEBRATES.—Development of selected systems of organs. Lectures; readings; reports; laboratory. (Open to seniors and graduate students.) I; (2 or 4).<sup>2</sup> Associate Professor SHUMWAY

*Prerequisite:* Zoology 63 or its equivalent, and senior standing.

22-23. MORPHOLOGY OF VERTEBRATES.—Systems of organs from the comparative standpoint. Lectures; laboratory; readings. I, II; (2 to 4).<sup>2</sup>

Assistant Professor ADAMS

*Prerequisite:* Zoology 1, 2, 3, 6.

<sup>1</sup>Credit may not be received for both Zoology 5 and Zoology 15.

<sup>2</sup>In registering for a course with variable credit hours, a student must put down on his study-list not the possible hours, as shown here, but the number of hours for which he intends to take the course; e.g., not 2-5, but 2, or 3, or 4, or 5.

21a-21b. INTRODUCTION TO ZOOLOGICAL RESEARCH.—Morphology, life history, or reciprocal relations of invertebrates, especially parasites. Laboratory; conferences; reading. I, II; (2-5).<sup>1</sup> Professor WARD

*Prerequisite:* One year in zoological courses, and senior standing.

20a-20b. CURRENT INVESTIGATION.—Analysis of results of recent investigations. (Open to all students of zoology; should be taken by those intending to present a thesis). I, II; (1). Professor ZELENY

*Prerequisite:* Three years of university work, including one year in zoology.

8a-8b. THESIS INVESTIGATION.—Individual work on assigned topics. I, II; (3-5).<sup>1</sup> Members of the Department

*Prerequisite:* Two years of zoology.

#### COURSES FOR GRADUATES

Students entering on graduate study in the Department of Zoology should have had two years of undergraduate work in the subject. When chosen as a minor the courses listed for graduates and undergraduates must be preceded by at least one full year's undergraduate work in zoology. Work done at other institutions will be evaluated on conference with the head of the department.

102. EVOLUTION OF THE VERTEBRATES.—Phylogeny; taxonomy; morphology. Lectures; readings; discussions. I; ( $\frac{1}{2}$  unit). Assistant Professor ADAMS

103. CYTOLOGY OF THE METAZOA.—Morphology of the cell, exclusive of the Protozoa; germ cells. Lectures; demonstrations; readings. I; ( $\frac{1}{2}$  unit). Associate Professor SHUMWAY

[107. PARASITOLOGY.—Conferences; assigned reading; demonstrations. I, II; (1 unit). Given in 1924-25 and alternate years. Professor WARD]

[109-109a. PHYSIOLOGICAL ECOLOGY.—II; ( $\frac{1}{2}$  unit each). Given in 1924-25 and in alternate years. Associate Professor SHELFORD]

110-110a. ECONOMIC ECOLOGY.—Application of the principles of ecology to the relations of animals to weather and climate, and to pollution. II; ( $\frac{1}{2}$  unit each). Given in 1923-24 and alternate years. Associate Professor SHELFORD

111. EXPERIMENTAL ECOLOGY.—Repetition of published experiments in physiology and ecology; modern methods and apparatus. I, II; ( $\frac{1}{2}$  to 2 units). Associate Professor SHELFORD

115. FACTORS OF INDIVIDUAL AND RACIAL DEVELOPMENT.—Experimental embryology; regeneration; heredity; variation; evolution. I, II; (1 unit). Professor ZELENY

117. FAUNISTIC ZOOLOGY.—Taxonomy and distribution with special reference to local fauna. Laboratory; field work. I; (1 unit). Associate Professor VAN CLEAVE

127. THEORIES OF ANIMAL PHYLOGENY.—Groups of animals; intermediate forms; invertebrate larval forms and theories of descent. I, II; (1 unit). Given in 1923-24 and alternate years. Professor WARD

#### INDIVIDUAL RESEARCH COURSES

121. INVERTEBRATE MORPHOLOGY AND PARASITOLOGY.—Individual research course. I, II; (1 to 2 units). Professor WARD

122. VERTEBRATE MORPHOLOGY.—Individual research course. I, II; (1 to 2 units). Assistant Professor ADAMS

123. FAUNISTIC AND SYSTEMATIC ZOOLOGY.—Individual research course. I, II; (1 to 2 units). Professor SMITH

<sup>1</sup>In registering for a course with variable credit hours a student must put down on his study list, not the variable hours as shown here, but the number of hours for which he intends to take the course; e.g., not 2-5, but 2, or 3, or 4, or 5.

124. EXPERIMENTAL ZOOLOGY.—Individual research course. I, II; (1 to 2 units).  
Professor ZELENY
125. ANIMAL ECOLOGY AND BEHAVIOR.—Individual research course. I, II; (1 to 2 units).  
Associate Professor SHELFORD
126. EMBRYOLOGY AND CYTOLOGY.—Individual research course. I, II; (1 to 2 units).  
Associate Professor SHUMWAY

# SUMMER SESSION COURSES

## COURSES FOR UNDERGRADUATES

- S1. GENERAL ZOOLOGY.—Recitations; lecture. (5).  
Professor ZELENY and assistant  
*Equivalent:* Zoology 1.
- S2. VERTEBRATE ZOOLOGY AND COMPARATIVE ANATOMY.—Evolution of vertebrate animals of North America; anatomy of vertebrate organ systems. Lectures; recitations; laboratory. (5).  
Associate Professor SHUMWAY and assistant
- S3. MICROSCOPICAL TECHNIC AND EARLY VERTEBRATE EMBRYOLOGY.—I; (3).  
Associate Professor SHUMWAY and assistant  
*Prerequisite:* Zoology 1, 2.  
*Equivalent:* Zoology 3.

## COURSE FOR ADVANCED UNDERGRADUATES AND GRADUATES

- S63. GENERAL EMBRYOLOGY.—(Open to seniors and graduate students.) I; (2 or 4).<sup>1</sup>  
Associate Professor SHUMWAY  
*Prerequisite:* Zoology 2 or its equivalent, and senior standing.  
*Equivalent:* Zoology 63.

## COURSE FOR GRADUATES

- S124. EXPERIMENTAL ZOOLOGY.—Individual problems. (1 to 2 units).<sup>1</sup>  
Professor ZELENY

## ANATOMY

1. INTRODUCTION TO ANATOMY AND PHYSIOLOGY.—History of vertebrate structures; functions; dissection of *Necturus*; microscopic examinations; osteology of the vertebrate. Lecture; laboratory; quiz. I; (3). (For students in Athletic Coaching).  
Assistant Professor ADAMS and assistants
2. OUTLINE OF HUMAN ANATOMY.—Skeletal and muscular systems in part; kinesiology; topographical anatomy; demonstrations on the human body. Lecture; laboratory; quiz. II; (3).  
Mr. BROWN  
*Prerequisite:* Anatomy 1.

<sup>1</sup>In registering for a course with variable credit hours, a student must put down on his study list, not the possible hours, as shown here, but the number of hours for which he intends to take the course; e.g., not 3, but 1, or 2, or 3.



## PART IV

### THE UNIVERSITY PRESS

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DAVID KINLEY, Ph.D., LL.D., PRESIDENT OF THE UNIVERSITY  
HARRISON EDWARD CUNNINGHAM, A.B., *Director of the University Press*

The University of Illinois Press was organized in 1918 to have charge of the work of editing, printing, and distributing the publications of the University.

The University of Illinois publishes, through its several departments and experiment stations, and the scientific bureaus located at the University,<sup>1</sup> the publications named below. A complete list of publications available for sale or free distribution (other than the Annual Register and the announcements of the colleges and schools) is issued by the University Library annually in July. Persons wishing to obtain any of the publications are requested to correspond with the department concerned or with the Director, 161 Administration Building. Libraries and institutions offering material of equivalent value may secure exchanges by corresponding with the University Librarian. A complete list of the publications available was included in the annual Publishers Trade List for 1923.

The list of series of publications is as follows:

#### AGRICULTURE:

- The Bulletin of the Agricultural Experiment Station.
- The Circular of the Agricultural Experiment Station.
- The Soil Report of the Agricultural Experiment Station.

#### ENGINEERING:

- The Bulletin of the Engineering Experiment Station.
- The Circular of the Engineering Experiment Station.
- The Ceramics Bulletin.

#### SCIENTIFIC BUREAUS:

- The Report of the State Entomologist.
- The State Laboratory of Natural History Bulletin.
- The Natural History Survey of Illinois.
- The State Geological Survey Bulletin.
- The State Geological Survey Monographs.
- The State Water Survey Bulletin.
- The Illinois Coal Mining Investigations Bulletin.

#### EDUCATION:

- The College of Education Bulletin.
- The Bulletins of the High School Visitor's Office.
- The Bulletins of the Bureau of Educational Research.

#### ENGLISH:

- The Illinois Association of Teachers of English Bulletin.

#### LAW:

- The Law Bulletin.

#### GRADUATE SCHOOL:

- The Journal of English and Germanic Philology (quarterly, \$3.00 a year).

<sup>1</sup>See pages 359-372.



The University Studies (occasional).

The University of Illinois Studies in the Social Sciences (monographs, quarterly, \$3.00 a year).

The University of Illinois Studies in Language and Literature (monographs, quarterly, \$3.00 a year).

The Illinois Biological Monographs (quarterly, \$3.00 a year).

#### WAR AND RECONSTRUCTION:

The War Bulletins and Circulars.

#### GENERAL:

In addition to the serials enumerated above, the University has published a number of books, among which may be mentioned the following:

Alumni Record, 1913; 921 pages, \$2.50.

Alumni Record, 1918; 1,147 pages, 9 plates, \$2.00.

Directory of Matriculants, 1916; 35,000 names, 1,284 pages, \$5.00.

Konungs Skuggsjá, the main MSS. of, in phototypic reproduction, with diplomatic text, by G. T. Flom, 1915; 67 plates, 191 pages, \$15.00.

The Genus *Phoradendron*, by William Trelease, 1916; 224 pages, 245 plates, \$2.50.

Semi-Centennial History of the University of Illinois, volume I, by Burt E. Powell, 1918; 631 pages, illust., cloth, \$2.25; morocco, \$2.50.

Sixteen Years at the University of Illinois, a statistical study of the administration of President Edmund J. James; 1920, 264 pages, illust., \$2.50.

Life of Columcille, compiled by Marus O'Donnell in 1532. Edited and translated by A. O'Kelleher and G. Schoepperle. Irish Foundation Series, I; 1918; 516 pages, paper, \$3.50; cloth, \$5.00.

Municipal Documents and other Publications on Municipal Government in the University of Illinois Library, 1917; 49 pages, \$0.25.

List of Serials in the University of Illinois Library, together with those in other libraries in Urbana and Champaign, 1911; 233 pages, \$1.20.

State Documents for Libraries, 1915; 163 pages, \$0.75.

The Life of the Pleistocene, by F. C. Baker, 1920; 500 pages, 56 plates, \$5.00.

La Coleccion Cervantina de la Sociedad Hispánica de América (The Hispanic Society of America): Ediciones de Don Quijote, by Homero Series; 158 pages and 11 facsimiles, \$1.50.

The Power of a God, and other plays, by T. H. Guild, 1919; 151 pages, 5 plates, \$1.25.

The Pilgrim Tercentenary, 1920; 42 pages, \$0.50.

Paleopathology, by Roy L. Moodie, 1923; 557 pages; 117 plates, \$7.50.

Cahokia Mounds I, by Warren K. Moorehead, 1922; 56 pages, 16 plates, \$0.25; Cahokia Mounds II, by Warren K. Moorehead and M. M. Leighton, 1923; 97 pages, 26 plates, \$1.50.

Selim Hobart Peabody, a biography, by Katherine Peabody Girling, 1923, 215 pages, \$1.70.

An Historical Study of Vestibular Equilibration, by Coleman R. Griffith, 1922; 178 pages, \$1.50.

William Edward Quine, a memorial, 1923; 55 pages, given with copies of the Alumni Record (Medicine, Dentistry, and Pharmacy).

The Life of Solitude. A translation of Petrarch's *De Vita Solitaria*, with introduction and notes, by Jacob Zeitlin, 1924; 320 pages, \$6.00.

## PART V

### UNIVERSITY EXTENSION

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Extension work has not been organized as a separate administrative unit in the University of Illinois. Several departments, however, have initiated activities, both on the campus and in the State at large, which serve to make some of the facilities of the University available to groups of mature persons who are engaged in various industries and professions.

#### AGRICULTURE

Each of the departments of the College of Agriculture does extension work and so far as possible provides trained specialists for this purpose. In addition to this a separate service known as Agricultural College Extension conducts extension enterprises that do not deal with technical subject matter, and cooperates with the other departments in projecting their work throughout the State. Through this office correspondence with prospective students is conducted and records of former students kept.

Some of the more general Agricultural College extension enterprises are:

(1) A meeting called Farmers' Week, which has formerly been known as the Corn Growers' and Stockmen's Convention, held annually at the College of Agriculture since 1898. The work offered includes lectures, conferences, and intensive class work in animal husbandry, poultry, dairying, farm crops, soils, farm mechanics, farm management, and horticulture.

(2) Agricultural Open-House held annually the last week in June affords opportunity to get an idea of the work of the College of Agriculture and the Agricultural Experiment Station.

(3) Agricultural extension schools.

(4) Demonstrations in connection with soil-fertility and crop fields in the state.

(5) Cooperation, by furnishing instructors and lecturers, with other educational agencies for rural communities; e. g., farmers' institutes, special lecture railway trains, farm bureaus, the Boys' State Fair School.

(6) Educational exhibits at fairs and expositions.

(7) Farm Bureau and community excursions to the University.

For the Cooperative Extension Service in agriculture and home economics conducted by the University of Illinois and the United States Department of Agriculture, under the provisions of the Federal Smith-Lever Act of May 8, 1914, see page 354.

#### CERAMIC ENGINEERING

In addition to the regular four-year technical curriculum, the department of ceramic engineering cooperates with the clay and allied industries by offering biannually, at Urbana, during the second semester, a two weeks' industrial course in the principles underlying the manufacture of ceramic products for those who have not the time or the preparation required for

academic studies. The work includes lectures, laboratory work, practice in firing kilns, and informal gatherings for question-asking. A common school education is sufficient to enable one to do the work of this course. No charge of any kind is made.

## COOPERATIVE EXTENSION SERVICE

*University of Illinois and United States Department of Agriculture  
Under the Smith-Lever Act*

HERBERT WINDSOR MUMFORD, B.S., *Director of Agricultural Extension Service*

### AGRICULTURE

WILLIAM HERSCHEL SMITH, M.S., *State Leader of County Farm Advisers*  
JAMES DATER BILSBORROW, B.S., *Assistant State Leader of County Farm Advisers*  
VERNON VANIMAN, B.S., *Assistant State Leader of County Farm Advisers*  
JOHN CLYDE SPITLER, B.S., *Assistant State Leader of County Farm Advisers*  
FREDERICK JOHNSON KEILHOLZ, B.S., *Extension Editor*

### DEPARTMENTAL SPECIALISTS

#### *Agronomy*

FREDERICK CHARLES BAUER, Ph.D., *Professor, Soils Extension*  
JAY COURTLAND HACKLEMAN, B.S., A.M., *Professor, Crops Extension*  
ROBERT WILLIAM SCANLIN, B.S., *Assistant, Soils Extension*

#### *Animal Husbandry*

WILLIAM HERSCHEL SMITH, M.S., *Associate Professor, Animal Husbandry Extension*  
ROBERT GRAHAM, D.V.M., B.S., *Professor, Animal Pathology and Hygiene Extension*  
ERNEST THOMPSON ROBBINS, M.S., *Assistant Professor, Extension Specialist, Animal Husbandry Extension*  
EDWIN IVAN PILCHARD, B.S., *Extension Specialist, Animal Husbandry Extension*  
GLENN WILSON MCILROY, B.S., *Extension Specialist, Poultry Husbandry Extension*

#### *Dairy Husbandry*

CHRIS SIMEON RHODE, B.S., *Assistant Professor, Dairy Husbandry Extension*  
HOWARD ELMER JAMISON, B.S., *Assistant, Dairy Husbandry Extension*

#### *Farm Mechanics*

EMIL WILHELM LEHMANN, A.E., E.E., *Professor, Farm Mechanics Extension*  
FRANK PAUL HANSON, B.S., A.E., *Extension Specialist, Farm Mechanics Extension*

#### *Farm Organization and Management*

JAMES DATER BILSBORROW, B.S., *Assistant Professor, Farm Organization and Management Extension*  
MARTIN LUTHER MOSHER, B.S., *Associate, Farm Organization and Management Extension*

#### *Horticulture*

WILLIAM SANFORD BROCK, B.S., *Assistant Professor, Horticulture Extension*  
GLENN ORVICE RANDALL, M.S., *Assistant, Vegetable Gardening Extension*

#### *Junior Club Work*

EDWIN IVAN PILCHARD, B.S., *Extension Specialist, Junior Club Work*

## COUNTY FARM ADVISERS

W. H. SMITH, *State Leader, Urbana*

<i>County</i>	<i>Adviser</i>	<i>Address</i>
Adams	RAY E. MILLER	Quincy
Bond	CHARLES TARBLE	Greenville
Boone	J. C. KLINE	Belvidere
Brown	A. E. DAVIDSON	Mt. Sterling
Bureau	W. W. WILSON	Princeton
Calhoun	J. H. ALLISON	Hardin
Carroll	G. R. BLISS	Mt. Carroll
Cass	R. W. DICKENSON	Virginia
Champaign	C. C. BURNS	Champaign
Christian	C. E. HAY	Taylorville
Clark	W. W. MERRITT	Martinsville
Clay	W. E. HART	Louisville
Clinton	C. H. REHLING	Breese
Coles	MELVIN THOMAS	Charleston
Cook	L. L. HELLER	Arlington Heights
Crawford	H. F. CROSBY	Robinson
Cumberland	C. B. PRICE	Toledo
DeKalb	T. H. ROBERTS	DeKalb
DeWitt	O. M. ALLYN	Clinton
Douglas	F. W. GARRETT	Tuscola
DuPage	E. A. CARNCROSS	Wheaton
Edgar	ENOS WATERS	Paris
Edwards		Albion
Effingham	F. W. WASCHER	Effingham
Ford	G. T. SWAIN	Gibson City
Franklin	H. A. DEWERFF	Benton
Fulton	J. R. SHINN	Canton
Gallatin	C. W. SIMPSON	Ridgway
Greene	E. M. PHILLIPS	Carrollton
Grundy	F. E. LONGMIRE	Morris
Hancock	J. H. LLOYD	Carthage
Henderson	F. M. BANE	Stronghurst
Henry	J. W. WHISENAND	Cambridge
Iroquois	L. W. WISE	Watseka
Jackson	C. J. THOMAS	Murphysboro
Jefferson	BERTRAM ABNEY	Mt. Vernon
Jersey	R. L. EYMAN	Jerseyville
Jo Daviess	V. J. BANTER	Elizabeth
Johnson	J. G. MCCALL	Vienna
Kane	W. B. RICHARDS	Geneva
Kankakee	J. S. COLLIER	Kankakee
Kendall	EARL PRICE	Yorkville
Knox	L. R. MARCHANT	Galesburg
Lake	J. J. DOERSCHUK	Libertyville
LaSalle	W. W. McLAUGHLIN	Ottawa
Lawrence	H. C. WHEELER	Lawrenceville
Lee	L. S. GRIFFITH	Amboy
Livingston	H. O. ALLISON	Pontiac
Logan	J. H. CHECKLEY	Lincoln
Macon	E. H. WALWORTH	Decatur
Macoupin	E. W. RUSK	Carlinville
Madison	ALFRED RAUT	Edwardsville
Marion	F. J. BLACKBURN	Salem
Marshall-Putnam	F. E. FULLER	Henry
Mason	T. R. ISAACS	Havana
Massac	O. M. MCGHEE	Metropolis
McDonough	R. C. DONEGHUE	Macomb
McHenry	A. J. GAFKE	Woodstock
McLean	H. FAHRNKOPF	Bloomington
Menard	C. A. HUGHES	Petersburg

<i>County</i>	<i>Adviser</i>	<i>Address</i>
Mercer	C. H. BELTING	Aledo
Monroe	ALFRED TATE	Waterloo
Montgomery	A. E. SNYDER	Hillsboro
Morgan	G. B. KENDALL	Jacksonville
Moultrie	A. L. HIGGINS	Sullivan
Ogle	D. E. WARREN	Oregon
Peoria	W. E. HEDGCOCK	Peoria
Piatt	S. S. DAVIS	Monticello
Pike	OTIS KERCHER	Pittsfield
Pope	L. KIMMEL	Golconda
Pulaski	E. A. BIERBAUM	Mound City
Randolph	E. C. SECOR	Sparta
Richland	W. B. BUNN	Olney
Rock Island	O. E. ACKERSON	Rock Island
Saline	J. E. WHITCHURCH	Harrisburg
Sangamon	I. A. MADDEN	Springfield
Schuyler	G. E. GENTLE	Rushville
Scott	G. H. HUSTED	Winchester
Shelby	C. J. ROBINSON	Shelbyville
St. Clair	B. W. TILLMAN	Belleville
Stark	E. E. BROWN	Wyoming
Stephenson	W. A. HERRINGTON	Freeport
Tazewell	RALPH E. ARNETT	Pekin
Union	L. S. FOOTE	Anna
Vermilion		Danville
Wabash	F. A. FISHER	Mt. Carmel
Warren	A. A. OLSEN	Monmouth
Wayne	C. T. HUFFORD	Fairfield
White	E. W. CREIGHTON	Carmi
Whiteside	L. O. WISE	Morrison
Will	J. F. HEDGCOCK	Joliet
Williamson	W. K. GALEENER	Marion
Winnebago	C. H. KELTNER	Rockford
Woodford	P. E. JOHNSTON	Eureka

Under the provisions of the Smith-Lever Act, approved by the President of the United States on May 8, 1914, and the terms of its acceptance by the State of Illinois, the University becomes cooperatively responsible for a system of demonstration service designed to combine the results of scientific discovery with the most approved practice on the farms and in the households of the State.

The most important lines of work undertaken under this act are as follows:

- (1) Cooperation with county farm bureaus in the employment of agricultural advisers.
- (2) Cooperation with county home improvement associations in the employment of a woman adviser.
- (3) Employment of extension specialists in agriculture and home economics as special advisers in the field.

### HOME ECONOMICS EXTENSION

RUTH AIMEE WARDALL, A.M., *Vice Director*

KATHRYN GRACE VAN AKEN, A.B., *State Leader*

MYRTLE WELDON, A.M., *Assistant State Leader*

EMMA EMILINE SPARKS, B.E., *Assistant State Leader*

HARRIET MURIEL PHILLIPS, B.S., *Extension Specialist in Junior Club Work*

NATHALIE VASOLD, B.S., *Assistant in Junior Club Work*

MARY ATTIE SOUDER, B.S., *Home Economics Specialist*

## DEPARTMENTAL SPECIALISTS

*Clothing*MARGIA B HAUGH, Ph.B., *Clothing Specialist*EDNA RUTH GRAY, B.S., *Clothing Specialist**Foods and Nutritions*GRACE B ARMSTRONG, B.S., *Foods Specialist**Home Furnishings*MABEL MACDONALD HOLLIS (Mrs.), A.M., *Home Furnishings Specialist*

## COUNTY HOME ADVISERS

Mary A McKee, A.B.	Adams	Neva Woods, B.S.	Macon
Anna M Neer, B.S.	Bureau	Emma Scott, B.E.	Mercer
Blanch Moore (Mrs.), B.E.	Champaign	Katherine Mavity, B.S.	Mercer
Edna Truman, B.S.	Coles	Jessie McCulloch, B.S.	McHenry
Flora Gath, B.S.	Hancock	Clara Brian, A.M.	McLean
Etta Barnhart, B.S.	Kane	Lucile Allen, B.S.	Rock Island
Ruth H Buck, B.S.	Kankakee	Macena Kendall, A.M.	Saline
Zelma Monroe, B.S.	LaSalle	Regina Feeney, B.S.	Stephenson
Anna Searl, B.S.	Livingston	Mabel C Atwood, B.S.	Tazewell
.....	Logan	Amy Euren, B.S.	Vermilion
Stella Hutson, B.S.	Williamson		

The service in home economics extension may be classified as follows:

1. *Home Bureaus.*—Twenty-one home bureaus have been established in the state. These organizations are interested in the development of better living conditions and their educational work is directed by a home adviser. In the home bureau activities the home advisers are assisted by the group of university specialists. Thus the home bureau forms a link by which the findings of the laboratory are made operative in the homes of the people.

2. *Movable Schools.*—The extension division of home economics in so far as possible provides instruction on request for a movable school in any community which is sufficiently interested to pay the local expenses and the traveling and living expenses of a specialist from the extension staff for one week. In the counties which have home bureau organizations a similar service is given, where application is made through the home adviser, but without cost to the organization except for local expenses.

3. *Correspondence.*—The latest scientific facts are passed from the department to the general public by correspondence.

4. *Service for Organizations.*—Assistance by means of lectures, demonstrations, and study programs, has been given the following organizations:

Boys' and Girls' Clubs  
Catholic Woman's Clubs  
Church Organizations  
Civic Leagues  
Colleges  
Community Fairs  
Community High Schools  
Community Clubs  
County Fairs  
County Teachers' Associations  
Farm Bureaus

Farmers' Institutes  
Home Bureaus  
Household Science Clubs  
Illinois League of Women Voters  
Parent-Teachers' Associations  
Social Science Clubs  
State Federation of Women's Clubs  
Teachers' Institutes  
Township High Schools  
Woman's Clubs

5. *Press.*—The local papers in the twenty-one counties in which home bureaus have been established have cooperated by giving publicity. The activities of the home bureau have been given publicity through farm journals.

Eleven of the home bureau organizations print a monthly news sheet which is mailed to the members of the organization. The other organizations send a mimeographed sheet to their members.

The Extension News, issued monthly by the home economics extension staff, is sent to the advisers and to the members of the executive boards in each home bureau organization.

# PART VI

## EXPERIMENT STATIONS AND OTHER SCIENTIFIC BUREAUS

### THE AGRICULTURAL EXPERIMENT STATION

DAVID KINLEY, Ph.D., LL.D., PRESIDENT OF THE UNIVERSITY

#### STAFF<sup>1</sup>

HERBERT WINDSOR MUMFORD, B.S., *Director*  
WESLEY PILLSBURY FLINT, *Consulting Entomologist*  
ANNA CUSHMAN GLOVER, *Secretary*  
FLORENCE E SMITH, B.S., *Chief Editorial Assistant*

#### *In Agronomy*

WILLIAM LEONIDAS BURLISON, Ph.D., *Chief in Crop Production, Head of Department*  
CHARLES FREDERICK HOTES, Ph.D., *Consulting Plant Physiologist*  
LOUIE HENRIE SMITH, Ph.D., *Chief in charge of Publications of Soil Survey*  
FREDERICK CHARLES BAUER, Ph.D., *Chief in Soil Survey Experiment Fields*  
JAY COURTLAND HACKLEMAN, A.M., *Chief in Crops Extension*  
ERNEST E DETURK, Ph.D., *Associate Chief in Soil Technology*  
RAYMOND STRATTON SMITH, Ph.D., *Associate Chief, Soil Physics*  
CLYDE MELVIN WOODWORTH, Ph.D., *Associate Chief, Plant Breeding*  
HOWARD JOHN SNIDER, M.S., *Assistant Chief, Soil Survey Experiment Fields*  
ORLAND I ELLIS, B.S., *Assistant Chief, Soil Survey Mapping*  
OGLE HESSE SEARS, M.S., *Assistant Chief, Soil Biology*  
DAVID CLEVELAND WIMER, M.S., *Assistant Chief, Soil Physics*  
JOHN PIEPER, M.S., *Assistant Chief, Crop Production*  
THOMAS EVERETT RICHMOND, M.S., *Associate, Soil Biology*  
MICHAEL IVANOVITCH WOLKOFF, Ph.D., *Associate, Soil Survey Analysis*  
GEORGE HARLAN DUNGAN,<sup>2</sup> M.S., *Associate, Crop Production*  
WENDELL PHILLIPS HILTABRAND, B.S., *Associate, Soil Survey Mapping*  
ALVA HUGO KARRAKER, B.S., A.B., *Associate, Soil Survey Experiment Fields*  
JOHN LAMB, JR., B.S., *Associate, Soil Survey Experiment Fields*  
CLYDE MAURICE LINSLEY, B.S., *Associate, Soil Survey Experiment Fields*  
ROBERT WATT STARK, B.S., *Associate, Crop Production*  
VICTOR ELWIN SPENCER, B.S., *First Assistant, Soil Fertility*  
JOSHUA CLAYTON ANDERSON, B.S., *First Assistant, Soil Fertility*  
ROYLE PRICE THOMAS, B.S., *First Assistant, Soil Survey Experiment Fields*  
FLOYD HAMILTON CRANE, B.S., *First Assistant, Soil Fertility*  
MARION BOYER HARLAND, B.S., *First Assistant, Soil Physics*  
MASON AUGUST HEIN, B.S., *First Assistant, Soil Survey Experiment Fields*  
ETHAN ARLO NORTON, B.S., *First Assistant, Soil Survey Mapping*  
SIDNEY SYLVESTER CARNEY, B.S., *First Assistant, Crop Production*  
CARROLL JOHN BADGER, B.S., *Assistant, Soil Survey Experiment Fields*  
BRUCE BYRNE CLARK, B.S., *Assistant, Soil Survey Mapping*  
ALVIN LEONARD LANG, B.S., *Assistant, Soil Survey Experiment Fields*

<sup>1</sup>The Station Staff includes only those scientific workers who have been recommended by the President and appointed by the Board of Trustees.

<sup>2</sup>On leave of absence.



ALFRED UHNO THOR, B.S., *Assistant, Soil Survey Experiment Fields*  
JOHN WILLIAM COALE, B.S., *Assistant, Soil Survey Mapping*  
RALPH GIBSON CRAMMOND, B.S., *Assistant, Soil Survey Mapping*  
GEORGE HENRY IFTNER, B.S., *Assistant, Crop Production*  
ROGER HAMMOND BRAY, B.S., *Assistant, Soil Survey Analysis*  
JOHN MCCLURE GIBSON, B.S., *Assistant, Soil Survey Mapping*  
HERBERT ARTHUR LUNT, M.S., *Assistant, Soil Fertility*  
EARL GWIN SIEVEKING, B.S., A.M., *Assistant, Soil Survey Analysis*

#### *In Animal Husbandry*

HENRY PERLY RUSK, M.S., *Chief, Animal Husbandry; Head of Department*  
HARRY SANDS GRINDLEY, D.Sc., *Chief, Animal Nutrition*  
JAMES LLOYD EDMONDS, B.S., *Chief, Horse Husbandry*  
ROBERT GRAHAM, D.V.M., B.S., *Chief, Animal Pathology and Hygiene*  
LESLIE ELLSWORTH CARD, Ph.D., *Chief, Poultry Husbandry*  
WILLIAM HERSCHEL SMITH, M.S., *Associate Chief, Animal Husbandry Extension*  
HAROLD HANSON MITCHELL, Ph.D., *Associate Chief, Animal Nutrition*  
SLEETER BULL, M.S., *Associate Chief, Meats*  
ROSCOE RAYMOND SNAPP, M.S., *Assistant Chief, Beef Cattle Husbandry*  
ELMER ROBERTS, Ph.D., *Assistant Chief, Animal Breeding*  
JOHN BENJAMIN RICE,<sup>1</sup> M.S., *Assistant Chief, Swine Husbandry*  
WILLIAM GARFIELD KAMMLADE, M.S., *Assistant Chief, Sheep Husbandry*  
IVAN BERTRAND BOUGHTON, D.V.M., *Associate, Animal Pathology*  
CHALMERS WOODRUFF CRAWFORD, B.S., *Associate, Animal Husbandry*  
MARY HELEN KEITH, B.S., A.M., *First Assistant, Animal Nutrition*  
RUSSELL JAMES LAIBLE, B.S., *First Assistant, Animal Husbandry*  
THOMAS SHERMAN HAMILTON, M.S., *First Assistant, Animal Nutrition*  
EVERETT A TUNNICLIFF, D.V.M., M.S., *First Assistant, Animal Pathology*  
JOHN HARVEY KNOX, B.S., *Assistant, Animal Husbandry*  
ARTHUR KNAPP MACKEY, M.S., *Assistant, Animal Husbandry*  
NAO UYEI, M.S., *Assistant, Animal Nutrition*  
FORREST EVERETT KENDALL, B.S., *Assistant, Animal Nutrition*  
GAGE GRIFFIN CARMAN, B.S., *Assistant, Animal Nutrition*  
MARSHALL G CLARK, B.S., *Assistant, Animal Husbandry*  
GLENN AVEN LINDSEY, B.S., *Assistant, Animal Breeding*  
ALBERT STANLEY WORTH, B.S., *Assistant, Animal Husbandry*

#### *In Dairy Husbandry*

HARRISON AUGUST RUEHE, Ph.D., *Chief, Dairy Manufactures; Head of Department*  
MARTIN JOHN PRUCHA, Ph.D., *Chief, Dairy Bacteriology*  
WALTER LEE GAINES, Ph.D., *Chief, Milk Production*  
OLIVER RALPH OVERMAN, Ph.D., *Assistant Chief, Dairy Chemistry*  
WILLIAM WODIN YAPP, Ph.D., *Assistant Chief, Dairy Cattle*  
CHRIS SIMEON RHODE, B.S., *Assistant Chief, Dairy Husbandry Extension*  
WILLIAM BARBOUR NEVENS, Ph.D., *Assistant Chief, Dairy Cattle Feeding*  
ARTHUR SAMUEL AMBROSE, M.S., *Assistant Chief, Dairy Manufactures*  
JAMES MARSHALL BRANNON, Ph.D., *Assistant Chief, Dairy Bacteriology*  
MASON HERBERT CAMPBELL, M.S., *Associate, Dairy Husbandry*  
BENJAMIN ANDREW STIRITZ, M.S., *Associate, Dairy Manufactures*  
PAUL HUBERT TRACY, M.S., *First Assistant, Dairy Manufactures*

<sup>1</sup>Resigned November 1, 1923.

FRED ALEXANDER DAVIDSON, B.S., *First Assistant, Dairy Husbandry*  
HUGH FISHER HALL, B.S., *First Assistant, Dairy Economy*  
DEE SMALL, B.S., *Assistant, Dairy Economy*  
HOWARD ELMER JAMISON, B.S., *Assistant in Dairy Husbandry Extension*

*In Farm Mechanics*

EMIL WILHELM LEHMANN, E.E., A.E., *Chief, Farm Mechanics; Head of Department*  
RAY IRIS SHAWL, M.S., *Assistant Chief, Farm Mechanics*  
FRANK PAUL HANSON, B.S., *First Assistant, Farm Mechanics*  
ARTHUR LEIGHTON YOUNG, M.S., *First Assistant, Farm Mechanics*  
ISRAEL P BLAUSER, B.S., A.B., *Assistant, Farm Mechanics*  
RAYMOND C KELLEHER, B.S., *Assistant, Farm Mechanics*

*In Farm Organization and Management*

HAROLD CLAYTON M CASE, M.S., *Assistant Chief, Farm Organization and Management*  
EMIL RAUCHENSTEIN, M.S., *Assistant Chief, Farm Organization and Management*  
CLARENCE ALFRED BONNEN, B.S., *Associate*  
KENNETH HAYES MYERS, B.S., *Assistant*  
LENA CECELIA RHUE, B.S., *Assistant*  
ROBERT COOK ROSS, B.S., *Assistant*  
WALTER WYATT R ASHBAUGH, B.S., *Assistant*  
HERBERT ANDREW BERG, B.S., *Field Assistant*  
LOUIS GEORGE HALL, B.S., *Field Assistant*

*In Horticulture*

JOSEPH CULLEN BLAIR, M.S., D.Sc., *Chief, Horticulture; Head of Department*  
JOHN WILLIAM LLOYD, Ph.D., *Chief, Olericulture*  
CHARLES SPENCER CRANDALL, M.S., *Chief, Plant Breeding*  
HERMAN BERNARD DORNER, M.S., *Chief, Floriculture*  
ARTHUR SAMUEL COLBY, Ph.D., *Associate Chief, Pomology*  
HARRY WARREN ANDERSON, Ph.D., *Assistant Chief, Pomological Pathology*  
WARREN ALBERT RUTH, Ph.D., *Assistant Chief, Pomological Physiology*  
CHARLES BOVETT SAYRE, B.S., *Assistant Chief, Olericulture*  
STANLEY WILLIAM HALL, B.S., *Assistant Chief, Floriculture*  
FREDERICK FRANCIS WEINARD, Ph.D., *Associate, Floricultural Physiology*  
JAMES HUTCHINSON, *Associate, Floriculture*  
CHARLES SHERMAN DALE, A.M., *Associate, Olericulture*  
WALTER A HUELSEN, B.S., *Associate, Olericulture*  
ALFRED CHARLES VOGELE, M.S., *Associate, Pomology*  
GEORGE EDWARD FAGER, B.S., *Associate, Plant Breeding*  
ZENAS HARRY MOHLMAN, B.S., *First Assistant, Floriculture*  
FREDERICK ELMER CARVER, B.S., *First Assistant, Pomology*  
FRANK WILSON NEWTON, B.S., *First Assistant, Pomology*  
HARVEY FOSS JENKINS, M.S., *Research Assistant, Olericulture*  
JOSEPHINE K BUSEY, A.B., *Editorial Assistant, Horticulture*

By an act approved March 2, 1887, the national government appropriated \$15,000 a year to each state for the purpose of establishing and maintaining, in connection with the colleges founded upon the congressional act of 1862, agricultural experiment stations, "to aid in acquiring and diffusing among the people of the United States useful and practical information on subjects connected with agriculture, and to promote scientific investi-

gation and experiment respecting the principles and applications of agricultural science." Under this provision the *Agricultural Experiment Station of the University of Illinois* was founded in 1888 and placed under the direction of the Trustees of the University; a part of the University farm, with buildings, was assigned for its use.

The federal grant has since been increased to \$30,000 a year. This is supplemented by state appropriations which make an aggregate fund of approximately \$350,000 devoted to research in agriculture.

Investigations are conducted in the improvement of the economic production of crops; the growing and marketing of orchard fruits and of vegetables; the growing of flowers under glass; the methods of production of meats and of dairy goods, and the principles of animal breeding and of nutrition. The principal types of soil of the State are being studied in the laboratory under glass and in the field. A soil survey is in progress which when finished will map and describe the soil of every farm of the State down to an area of ten acres. Between forty and fifty fields and orchards are operated in various portions of the State for the study of local problems, and assistants are constantly on the road to conduct experiments or to give instruction to producer or consumer. The results of investigation are published in bulletins, which are issued in editions of 5,000 to 50,000 and distributed free of charge.

Much of this work is of interest to students, especially of graduate grade, and it is freely available for this purpose, so far as is consistent with the interests of the Station.

# THE ENGINEERING EXPERIMENT STATION

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DAVID KINLEY, Ph.D., LL.D., PRESIDENT OF THE UNIVERSITY

## EXECUTIVE STAFF

MILO SMITH KETCHUM, B.S., C.E., *Director*

MATTHEW RUTHERFORD RIDDELL, B.A.Sc., *Assistant to the Director*

ARTHUR NEWELL TALBOT, C.E., Sc.D., D.Eng., *Professor of Municipal and Sanitary Engineering; in charge of Theoretical and Applied Mechanics*

ALBERT PRUDEN CARMAN, A.M., Sc.D., *Professor of Physics and Head of the Department*

ARTHUR CUTTS WILLARD, B.S., *Professor of Heating and Ventilation, and Head of the Department of Mechanical Engineering*

EDWARD CHARLES SCHMIDT, M.E., *Professor of Railway Engineering and Head of the Department*

CLEMENT CLARENCE WILLIAMS, B.S., C.E., *Professor of Civil Engineering and Head of the Department*

LORING HARVEY PROVINCE, B.S., A.E., *Professor of Architectural Engineering and Head of the Department of Architecture*

ELLERY BURTON PAINE, M.S., E.E., *Professor of Electrical Engineering and Head of the Department*

CULLEN WARNER PARMELEE, B.S., *Professor of Ceramic Engineering and Head of the Department*

SAMUEL WILSON PARR, M.S., *Professor of Applied Chemistry*

ARTHUR JOSEPH HOSKIN, B.S., M.E., *Research Associate Professor of Mining Engineering and Acting Head of the Department*

## RESEARCH CORPS

JOHN BABCOCK BAKER, B.S., *Research Assistant in Mechanical Engineering*

REX LENOI BROWN, M.S., *Research Assistant in Theoretical and Applied Mechanics*

ELMER NEWMAN BUNTING, Ph.D., *Research Associate in Ceramic Engineering*

VINCENT STEPHEN DAY, B.S., *Special Research Assistant Professor of Mechanical Engineering*

CYRIL LAMBERT ERICKSON, B.S., *Special Research Assistant in Engineering Materials*

THOMAS FRASER, B.S., E.M., *Research Assistant Professor of Mining Engineering*

FLOYD BEATTY HOBART, M.S., *Research Assistant in Chemical Engineering*

THOMAS MCLEAN JASPER, M.S., C.E., *Special Research Assistant Professor of Engineering Materials*

ALONZO PLUMSTED KRATZ, M.S., *Research Professor of Mechanical Engineering*

FREDERICK ROY MITCHELL, B.S., E.M., *Research Assistant in Railway Engineering*

HERBERT FISHER MOORE, B.S., M.E., M.M.E., Sc.D., *Research Professor of Engineering Materials*

JOHN PATRICK MULLEN, B.Eng., *Research Assistant in Refrigeration*

SAMUEL WILSON PARR, M.S., *Professor of Applied Chemistry*

FRANK ERWIN RICHART, M.S., C.E., *Research Assistant Professor of Theoretical and Applied Mechanics*

CRANDALL ZACHARIAH ROSECRANS, M.S., *Research Assistant in Mechanical Engineering*

JOSEPH TYKOCINSKI TYKOCINER, E.E., *Research Assistant Professor of Electrical Engineering*

WILBUR M WILSON, M.M.E., C.E., *Research Professor of Structural Engineering*

## RESEARCH GRADUATE ASSISTANTS

EDWARD MONTGOMERY BRICKETT, B.S., *Research Graduate Assistant in Theoretical and Applied Mechanics*

DAVID LEWIS FISKE, B.S., *Research Graduate Assistant in Mechanical Engineering*

JAMES MARION HARDESTY, B.S., *Research Graduate Assistant in Civil Engineering*

ROBERT FRANKLIN HEALD, B.Chem.E., *Research Graduate Assistant in Chemical Engineering*

JAMES WILLIAM HUCKERT, B.S., *Research Graduate Assistant in Mechanical Engineering*

GEORGE MATTHEW KERANEN, B.S., *Research Graduate Assistant in Civil Engineering*

PIERCE WADDELL KETCHUM, M.S., *Research Graduate Assistant in Ceramic Engineering*

SHEO-HEN LI, M.S., *Research Graduate Assistant in Chemical Engineering*

WADE SHERMAN HATHORNE, B.S., *Research Graduate Assistant in Gas Engineering*

FREDERICK EWART VANDAVEER, M.S., *Research Graduate Assistant in Gas Engineering*

The Engineering Experiment Station of the University of Illinois is an organization within the College of Engineering. It was created by an act of the Board of Trustees on December 8, 1903, to stimulate and to elevate engineering education and to investigate problems of special importance to professional engineers and to the manufacturing, railway, mining, and other industrial interests of the State and of the country. The knowledge thus obtained is made available through bulletins presenting the results of research, and of circulars containing compilations of important information not otherwise accessible.

Control of the Station is vested in an Executive Staff composed of the Director and his Assistant, the heads of departments of the College of Engineering, and the Professor of Industrial Chemistry. This staff is responsible for the establishment of general policies governing work of the Station, including approval of material presented for publication. While all members of the teaching staff of the College are encouraged to engage in scientific research, it is conducted chiefly by the research corps composed of full-time research assistants, research graduate assistants, and special investigators. Those employed for special investigations are engaged for a limited time on a single problem.

The University now maintains fourteen research graduate assistantships in the Engineering Experiment Station. In addition, two research graduate assistantships in gas engineering have been established under the patronage of the Illinois Gas Association. These assistantships are open to graduates of approved American and foreign universities and technical schools, who are prepared to undertake graduate study in engineering, physics, or applied chemistry. Each assistantship carries a stipend of \$600 and freedom from tuition, incidental, and laboratory fees. Appointment to these positions must be accepted for two consecutive collegiate years, at the expiration of which period, if all requirements have been met, the degree of Master of Science will be conferred. Not more than half of the time of these assistants, during ten months of each year, is required in connection with the work of the department to which they are assigned; the remainder is available for graduate study.

Information concerning opportunities for graduate study in engineering will be found in the circular of the Graduate School, which may be obtained from the Dean of the Graduate School. Further details regarding appointment to the Research Graduate Assistantships will be supplied upon request by the Director of the Station.

The Station has already published 139 bulletins and 10 circulars. All these publications are regarded as contributions to the literature of engineering, and many of them present important additions to the science of engineering. All publications are distributed free to those who are on the regular mailing list of the Station, and to others upon request. After the number of copies of a particular bulletin has been reduced to an established limit, a small charge is made for each of those remaining. A charge is made for duplicate copies of a particular bulletin when these are requested by an individual, unless in special cases it is deemed advantageous to the Station to furnish such duplicates free. When ordered in large quantities, a special rate for bulletins may be made by the Director.

Upon request to the Director, the name of any person who desires to receive the publications of the Engineering Experiment Station, as they are issued, will be added to the regular mailing list. A complete list of the publications will be sent to anyone who may desire it.

*Cooperative Investigations.*—In addition to the research conducted with the funds assigned to the Experiment Station by the University, a number of cooperative investigations have been undertaken with funds supplied by outside agencies which are chiefly interested in a particular investigation. In undertaking such investigations, the University reserves the right to control the results secured and to publish them for the information and benefit of the public. The funds for such cooperative investigations are paid to the University and are administered by it for the special purpose for which they are provided.

The following important cooperative investigations are now in progress:

1. An investigation of chilled iron car wheels in cooperation with the Association of Manufacturers of Chilled Car Wheels.
2. An investigation of stresses in railroad track in cooperation with the American Society of Civil Engineers and the American Railway Engineering Association.
3. An investigation of problems in the mining of coal in cooperation with the United States Bureau of Mines and the State Geological Survey Division. (See statement concerning cooperative investigation of problems of Illinois mineral industries on page 371.)
4. An investigation of warm air furnaces and furnace heating in cooperation with the National Warm Air Heating and Ventilating Association.
5. An investigation of the fatigue phenomena of metals in cooperation with the Engineering Foundation, the National Research Council, the General Electric Company, the Allis-Chalmers Manufacturing Company, the Copper and Brass Research Association, and the Western Electric Company.
6. An investigation to determine the friction losses and power requirements for the ventilation of the vehicular tunnel under the Hudson River in Cooperation with the New York State and New Jersey Interstate Bridge and Tunnel Commissions.

BOARD OF NATURAL RESOURCES AND CONSERVATION  
OF THE STATE  
DEPARTMENT OF REGISTRATION AND EDUCATION

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MEMBERS

- EX-Officio—ADDISON M. SHELTON, *Director, Department of Registration and Education*  
EX-Officio—KENDRIC CHARLES BABCOCK, Ph.D., LL.D., *Dean, College of Liberal Arts and Sciences, Representing the President of the University of Illinois*  
Chemistry—WILLIAM ALBERT NOYES, Ph.D., LL.D., *Professor of Chemistry, University of Illinois*  
Engineering—JOHN W. ALVORD, C.E., *Consulting Engineer, Chicago*  
Geology—..... *Professor of Geology*  
Forestry—JOHN MERLE COULTER, Ph.D., *Professor of Botany, University of Chicago*  
Biology—WILLIAM TRELEASE, Sc.D., LL.D., *Professor of Botany, University of Illinois*

Under an Act of the General Assembly entitled "The Civil Administrative Code" the functions and duties formerly exercised by the Scientific Bureaus located at the University of Illinois were vested in the Department of Registration and Education with the proviso that they continue to be exercised at the University of Illinois.

The Board of Natural Resources and Conservation, acting through sub-committees composed of the Director of the Department of Registration and Education, the President of the University of Illinois, or his representative, and one or more expert advisers especially qualified, decides all matters pertaining to the Bureaus, including research, investigational and scientific work, the selection and appointment of the members of the scientific staff, the cooperation with the University of Illinois in the use of scientific staff and equipment, and cooperation with allied Divisions and Departments. These Bureaus include the Divisions of Natural History Survey, State Water Survey, and State Geological Survey.

# STATE NATURAL HISTORY SURVEY DIVISION

## COMMITTEE

ADDISON M SHELTON, *Director, Department of Registration and Education*  
KENDRIC CHARLES BABCOCK, Ph.D., LL.D., *Dean, College of Liberal Arts and Sciences,*  
*University of Illinois*  
WILLIAM TRELEASE, Sc.D., LL.D., *Professor of Botany, University of Illinois*  
JOHN MERLE COULTER, Ph.D., *Professor of Botany, University of Chicago*

## STAFF

STEPHEN ALFRED FORBES, Ph.D., LL.D., *Chief*  
ROBERT EARL RICHARDSON, A.M., *Zoologist*  
VICTOR ERNEST SHELFORD, Ph.D., *Biologist in charge of Research Laboratories*  
WESLEY PILLSBURY FLINT, *Economic Entomologist*  
STEWART C CHANDLER, B.S., *Field Entomologist*  
CHARLES CHALMER COMPTON, B.S., *Field Entomologist*  
JOHN H BIGGER, B.S., *Field Entomologist*  
THEODORE HENRY FRISON, Ph.D., *Systematic Entomologist*  
....., *Research Entomologist*  
ROBERT BARCLAY MILLER, M.F., *Forester*  
CLARENCE JOHN TELFORD, B.S., *Forest Ranger*  
WILLIAM FOSTER SCHREEDER, B.S., *Forest Cruiser*  
LEO ROY TEHON, A.M., *Botanist*  
....., *Botanical Assistant*  
CHARLES EDWIN JANVRIN, B.L.S., *Librarian*

It is the function of the State Natural History Survey to conduct a biological survey covering the entire field of the zoology and botany of the state, but giving preference to subjects of educational and economic importance; to supply natural history specimens to the state educational institutions and the public schools; to investigate the entomology of the state; to conduct experiments with methods for the prevention, arrest, abatement, and control of insects injurious to persons or property; and to publish the product of its investigations in the form of bulletins, circulars, and reports.

Its offices, collections, and experimental equipment are in the Natural History Building and the vivarium of the University and in the Entomology Building, originally provided for the State Entomologist; and its equipment for aquatic biology is mainly on the Illinois River at Peoria. It has also field stations for economic entomology—each adequately equipped for field work and life history studies in the three sections of the state—established at Aurora, Jacksonville, and Carbondale, respectively, and in charge of the three field entomologists; and it has also in active operation a forestry survey, a plant disease survey, and a survey of the plant and animal life of the waters of the state.

The library of the Survey, containing 65,800 books and pamphlets, and its zoological collections, which include 375,000 pinned insects, 26,000 bottles of insects in alcohol, and over 200,000 Illinois fishes, are available to instructors and students of the University for purposes of reference and study.



# STATE WATER SURVEY DIVISION

## COMMITTEE

HON. ADDISON M. SHELTON, *Director, Department of Registration and Education*  
KENDRIC CHARLES BABCOCK, Ph.D., LL.D., *Representing the President of the University of Illinois*  
WILLIAM ALBERT NOYES, Ph.D., LL.D., *Professor of Chemistry, University of Illinois*  
JOHN W. ALVORD, C.E., *Consulting Engineer, Chicago*

## STAFF

ARTHUR MOSES BUSWELL, A.M., Ph.D., *Chief*  
GEORGE CONRAD HABERMAYER, B.S., *Engineer*  
CLAIR VERE SWEARINGEN, B.S., *Assistant Engineer*  
ROBERT EDMAN GREENFIELD, Ph.D., *Chemist*  
GEORGE ALFRED WEINHOLD, M.S., *Assistant Chemist*  
WILLIAM URN GALLAHER, M.S., *Assistant Chemist*  
SIDNEY LIONEL NEAVE, *Assistant Chemist*  
SHERMAN ISRAEL STRICKHOUSER, M.S., *Assistant Chemist*  
ROY ALLEN SHIVE, M.S., *Assistant Chemist*  
ELWOOD W. SCARRITT, B.S., *Assistant Chemist*  
JAMES GEORGE KALLAS, B.S., *Bacteriologist*

The State Water Survey Division of the State Department of Registration and Education has succeeded to the duties of the Illinois State Water Survey, which had been organized in the Department of Chemistry of the University of Illinois in 1895. Offices and special laboratories are maintained in the Chemistry Building of the University of Illinois.

A chemical survey of the waters of the State was begun by the State Water Survey in the latter part of September, 1895. In 1897 the legislature authorized the continuance of the work and directed the Trustees of the University to establish a chemical and biological survey of the waters of the State. In 1911 the legislature made an increased appropriation and imposed additional duties on the State Water Survey.

The Survey had collected data concerning water supplies and sewer systems and had surveyed many watersheds.

According to the administrative code the State Water Survey Division, cooperating with other Divisions of the Department, is to investigate and study the natural resources of the State, to prepare plans for their conservation and development, to cooperate with and advise Departments having administrative powers and duties relating to the natural resources of the State, to cooperate with similar Departments in other states and with the United States government, to study the geological formation of the State with reference to its resources in mineral and artesian water, to collect facts and data concerning the water resources of the State, to determine standards of purity for drinking water for the various sections of the State, to publish from time to time the results of its investigations of the waters of the State to the end that the available water resources may be better known and that the welfare of the people in the various communities may be conserved, to make analyses of samples of water from municipal or private sources, to consider and decide all matters pertaining to water and water resources and allied investigational and scientific research, to cooperate with the University of Illinois in the use of scientific staff and equipment, and to cooperate with the various Departments in research, investigational, and scientific work, useful in the prosecution of the work of any Department.

## STATE GEOLOGICAL SURVEY DIVISION

The work of the State Geological Survey Division is administered under the State Department of Registration and Education by a Board of Natural Resources and Conservation through one of its sub-committees.

### COMMITTEE

ADDISON M SHELTON, *Director, Department of Registration and Education*  
KENDRIC CHARLES BABCOCK, Ph.D., LL.D., *Dean of the College of Liberal Arts and Sciences,*  
University of Illinois  
EDSON SUNDERLAND BASTIN, Ph.D., University of Chicago

### FULL-TIME STAFF

#### TECHNICAL SECTION

MORRIS MORGAN LEIGHTON, Ph.D., *Chief,* Urbana  
JAMES HAROLD HANCE, E.M., Ph.D., *Assistant Chief,* Urbana  
HAROLD EUGENE CULVER, Ph.D., *Geologist,* Urbana  
DOUGLAS MOORE COLLINGWOOD, B.S., *Geologist,* Urbana  
FRANK KREY, B.S., *Geologist,* Urbana  
JOHN EVERTS LAMAR, B.S., *Geologist,* Urbana  
HENRIETTA CHRISTENSEN, B.S., *Editor,* Urbana  
GLADYS WILLETTA HAWLEY, B.S., *Geologic Clerk,* Urbana  
GEORGE ELBERT EKBLAW, M.S., *Assistant Geologist,* Urbana  
PAUL TEEL POST, B.S., *Assistant Geologist,* Urbana

#### GENERAL OFFICE SECTION

CARRIE HELEN THORY, *Chief Clerk,* Urbana  
EMMA JOSEPHINE NYBERG, *Secretary,* Urbana  
ZULA M ZEIGLER, *Stenographer,* Urbana  
LIBBIE M MCNEILL, *Stenographer,* Urbana<sup>1</sup>  
ALMA RUTLEDGE, *Stenographer,* Urbana<sup>1</sup>  
ROBERT G WOOLBERT, *Mailing Clerk,* Urbana<sup>1</sup>  
ROBERT H FERGUSON, *Laboratory Assistant,* Urbana<sup>1</sup>  
MERDITH C DACK, *Draftsman,* Urbana<sup>1</sup>

### PART-TIME TECHNICAL STAFF

#### GEOLOGISTS

STUART WELLER, Ph.D., University of Chicago  
THOMAS EDMUND SAVAGE, Ph.D., University of Illinois  
GILBERT HAVEN CADY, Ph.D., University of Arkansas  
ADOLPH CARL NOE, Ph.D., University of Chicago  
ARTHUR C BEVAN, Ph.D., University of Illinois  
DANIEL JEROME FISHER, Ph.D., University of Chicago

#### ASSISTANT GEOLOGISTS

LAWRENCE F ATHY, B.S., University of Chicago  
CHARLES FERNANDO BASSETT, B.S., University of Illinois  
BEN B COX, M.S., University of Iowa  
MAX LITTLEFIELD, M.S., University of Iowa  
ADOLF PABST, University of Illinois  
RUSSELL SPURGEON POOR, B.S., University of Illinois  
TOWNER B ROOT, University of Manitoba

### INSTRUMENT MEN

WALTER E DICKIE, Washington University  
WILLIAM G WENDER, University of Chicago

<sup>1</sup>Part-time.

## CONSULTING STAFF

*Ceramics*

CULLEN WARNER PARMELEE, B.S., *Consulting Ceramic Engineer*, University of Illinois,

*Chemistry*

SAMUEL WILSON PARR, M.S., *Consulting Chemist in Coal Investigations*, University of Illinois

JUSTA M LINDGREN, A.M., *Chemist*, University of Illinois

*Geography*

HARLAN HARLAND BARROWS, Ph.D., *Geographer*, University of Chicago

*Topographic Surveys*

WILLIAM H HERRON, B.S., *Geographer in charge of Cooperative Topographic Surveys*, Urbana, and Washington, D. C.

The Survey cooperates actively with other State departments and technical divisions on problems having a geologic or engineering aspect.

In carrying out the primary purpose of the organization, field parties make investigations of oil, clay, coal, stone, molding sand, artesian water, cement materials, road materials, and general scientific problems. They also conduct surveys for the completion of topographic and geologic maps of the State, in part in cooperation with the United States Geological Survey. During the 1923 field season surveys were made in sixteen counties covering approximately 2,500 square miles. At the close of 1923, approximately 20,750 square miles, representing 37 percent of the State, had been completed. Eight county maps have been made by combining and republishing the atlas sheets in county units, and it is planned to add to the list of county maps as rapidly as the necessary surveys are completed.

Especial attention has been given to the study of available materials for use in constructing highways, in accordance with the hard-road program which is being fostered by State and National governments.

Another recent and special investigation relates to the study of the molding sand deposits of the State, with a view to discovering satisfactory substitution of sands obtained within the State for those which are now being shipped from great distances.

The program of topographic mapping is going forward at a rate designed to complete the map of the State in ten years. In addition to the usual quadrangle surveys special areas have been topographically mapped to serve the immediate needs of the Highway Division for the selection of road routes, of the Water Survey Division and the Department of Public Health for use in recommending public water supplies, and of the Division of Waterways for the study of problems in navigation and flood control. Other irregular areas in need of drainage reclamation are also being surveyed rapidly.

The offices and laboratory quarters in the Ceramics Building are equipped for the conduct of the work of the Survey. Thousands of drill records, detailed mine notes, coal analyses, and other data on economic resources of Illinois form an active and growing collection. From it is drawn much of our knowledge of the geology and mineral resources of the State.

To date sixty-two volumes, eighteen of them in the Mining Investigations series, have been published, as well as numerous drainage, topographic, structural, and geologic maps.

Under an agreement between the College of Engineering, the United States Bureau of Mines, and the State Geological Survey Division, a station has been located at Urbana for a cooperative investigation of the Illinois mining industry, and the various agencies contribute men and funds for investigations under an agreed program.

# COOPERATIVE INVESTIGATION OF PROBLEMS OF ILLINOIS MINERAL INDUSTRIES

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DAVID KINLEY, Ph.D., LL.D., PRESIDENT OF THE UNIVERSITY

## STAFF

### ENGINEERING EXPERIMENT STATION

MILO SMITH KETCHUM, C.E., *Director*  
ARTHUR JOSEPH HOSKIN, B.S., M.E., *Research Associate Professor of Mining Engineering*  
THOMAS FRASER, B.S., E.M., *Research Assistant Professor of Mining Engineering*

### STATE GEOLOGICAL SURVEY

MORRIS MORGAN LEIGHTON, Ph.D., *Chief*  
HAROLD EUGENE CULVER, Ph.M., *Coal Geologist*  
PAUL TEEL POST, B.S., *Assistant Geologist*

### UNITED STATES BUREAU OF MINES

HARRY FOSTER BAIN, B.S., *Director*, Washington, D. C.  
GEORGE S RICE, E.M., *Chief Mining Engineer*, Washington, D. C.  
DORSEY A LYON, Ph.D., *Assistant Director*, Washington, D. C.  
LOUIS DOWNER TRACY, Ph.B., *Superintendent*, Central District Station, Urbana  
THOMAS FRASER, B.S., E.M., *Consulting Mining Engineer*, Urbana  
HARRY FAGAN YANCEY, A.M., *Chemist*, Urbana  
WILLIAM C MCCULLOUGH, M.S., *Assistant Mining Engineer*

### THE ENGINEERING EXPERIMENT STATION

Through the Department of Mining Engineering of the University of Illinois, the State Geological Survey, and the United States Bureau of Mines, the Engineering Experiment Station is cooperating throughout the State in investigations and dissemination of information, with a view to improving conditions in the mining, quarrying, metallurgical, and other mineral industries, safeguarding life among employees, preventing unnecessary waste of resources, and otherwise contributing to the advancement of these industries, under authority granted by the Forty-seventh General Assembly.

The University, through the Engineering Experiment Station, furnishes offices and laboratory facilities for the Bureau in Urbana, and takes part, through the Department of Mining Engineering, both in field work and in publication.

The State Geological Survey adds to the cooperation a staff of geologists who are giving particular attention to the mineral resources of the State and to other geological problems.

The United States Bureau of Mines has established a mining experiment station at Urbana, with offices in the Ceramic Engineering Building which are headquarters for the technical staff of Bureau engineers working in this district.

Through the cooperation of the three contracting parties, a staff of trained engineers, geologists, and metallurgists is at the disposal of the mining and metallurgical industries of Illinois.

## THE BOARD OF EXAMINERS IN ACCOUNTANCY

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DAVID KINLEY, Ph.D., LL.D., PRESIDENT OF THE UNIVERSITY

### BOARD OF EXAMINERS

James P McGregor, C.P.A., *Chairman*, Chicago  
Frederick B Andrews, C.P.A., *Secretary*, Chicago  
Harry J Dunbaugh, A.B., LL.B., Chicago

By a law passed in 1903 the State University is made an examining board of applicants for certificates as certified public accountants. To carry out the provisions of the law the Board of Trustees has appointed a board of three examiners to prepare, conduct, and grade examinations, and a University committee to conduct the routine work. Under the law one examination must be held each year in May, but examinations have been held also in November or December of each year in which there were a sufficient number of applicants.

Applicants for the certificate of Certified Public Accountant are required to pass examinations in the theory of accounts, commercial law, auditing, and practical accounting.

The Illinois Society of Certified Public Accountants offers annually a gold medal and a silver medal to be awarded, respectively, to the persons passing the C. P. A. examination with the highest total marking in all subjects and with the second highest total marking in all subjects.

# LIST OF STUDENTS, 1923-1924

## THE GRADUATE SCHOOL

Abbott, Howard Clinton—Botany B.S. ( <i>Michigan Agricultural Coll.</i> ), 1918 M.S., 1922	SS <sup>1</sup> * † Lansing, Michigan
Adamek, George Frank—Economics B. S., 1922	* † Davenport, Iowa
Adams, W S—Education B.Ed. ( <i>Illinois State Normal Univ.</i> ), 1920	SS Colorado Springs, Colorado
Albers, Vernon Martin—Physics A.B. ( <i>Carleton Coll.</i> ), 1923	* † Northfield, Minnesota
Alexander, John—French A.B. ( <i>Greenville Coll.</i> ), 1921	SS * † Urbana
Alexander, Lucie Belle—English Ph.B. ( <i>Univ. of Chicago</i> ), 1923	* Rushville
Alleman, Martin Benjamin—Dairy Husbandry B.S., 1922	* † Champaign
Alvord, Ben Finley—Animal Husbandry B.S., 1923	* † Noble
Ambrose, Arthur Samuel—Dairy Husbandry B.S., M.S., 1914, 1922	* Urbana
Amos, D J—Dairy Husbandry B.S., 1916	SS Cairo
Anderson, Arthur G—Economics B.S., C.E. ( <i>Iowa State Coll.</i> ), 1912 M.S., 1923	SS * † Urbana
Anderson, Clarence Scott—Animal Husbandry B.S., 1914	* † Urbana
Anderson, E W—Education A.B., 1918	SS Charleston
Anderson, Harriett—Psychology A.B., 1920	* † Santa Ana, California
Anderson, Hubert G—Education B.S. ( <i>Muncie National Inst.</i> ), 1910 A.B. ( <i>Indiana Univ.</i> ), 1914	SS Twelve Mile, Indiana
Andrews, John Wendell—Chemistry B.S. ( <i>Kansas State Agricultural Coll.</i> ), 1920 M.S., 1922	* † Urbana
Angle, Paul McClelland—History A.B. ( <i>Miami Univ.</i> ), 1922	* † Mansfield, Ohio
Appling, John William—Chemistry B.S., 1921	SS * † Urbana
Archer, Luther Bunyan—Electrical Engineering B.S. ( <i>Univ. of Texas</i> ), 1922	* † Holland, Texas
Armendt, Bradshaw Frederick—Physical Chemistry A.B., A.M. ( <i>Austin Coll.</i> ), 1921, 1922 M.S. ( <i>Vanderbilt Univ.</i> ), 1923	* † Sherman, Texas
Arnold, Charles N—Mechanical Engineering B.S., 1911	SS * † Urbana
Arnold, Eric Anderson—Physics B.S. ( <i>Case School of Applied Science</i> ), 1919	* † Champaign
Ashbaugh, Walter Wyatt—Agricultural Economics B.S., 1923	SS * † Champaign
Ashton, Bessie Leola—Geography B.S., M.S. ( <i>Univ. of Chicago</i> ), 1911, 1916	† Urbana
Axt, Ridgely Wilson—Olericulture B.S. ( <i>Univ. of Maryland</i> ), 1920	SS * † College Park, Maryland
Badger, Carroll John—Agronomy B.S., 1920	† Ewing
Baechler, Matilda May—Botany B.S., 1918	* † Urbana
Baer, William Conrad—Education A.B. ( <i>Lake Forest Coll.</i> ), 1911	* † Danville
Bagby, Lloyd Collier—Mathematics A.B. ( <i>Washburn Coll.</i> ), 1917 A.M. ( <i>Univ. of Kansas</i> ), 1922	* † Urbana
Bailey, Harold Wood—Mathematics B.S. ( <i>Ottawa Univ.</i> ), 1921	* † Champaign
Bailie, Robert Mills—Architecture <sup>2</sup> B.S., 1914	* † Ames, Iowa
Baker, John Babcock—Chemistry B.S., 1921	SS * † Springfield
Bamberger, Alvena—Education B.S., 1921	SS Champaign

\*Attendance first semester indicated by the asterisk (\*); second semester by the dagger (†).

<sup>1</sup>Summer Session.

<sup>2</sup>Candidate for professional degree in engineering.

Bancroft, Ruth—Education B.S., 1922	SS	Jacksonville
Banno, Takayoshi—Mining Engineering B.S. ( <i>Waseda Univ.</i> ), 1920		† Shizuoka, Japan
Barber, Julia Minnetta—English A.B., A.M., 1913, 1915	* †	La Fox
Barr, Andrew, Jr.—Accountancy B.S., 1923	* †	Urbana
Bassett, Charles Fernando—Geology A.B. ( <i>Cornell Coll.</i> ), 1922	* †	Castile, New York
Bassett, Vera Vivian—Education A.B., 1922		† Champaign
Bateman, Dorothy Emma—Chemistry A.B. ( <i>Mt. Holyoke Coll.</i> ), 1922	* †	Beaver, Pennsylvania
Batterton, Harriet—Economics A.B., 1920	SS	Greenfield
Bauer, Ezra Edward—Civil Engineering B.S., 1919	*	Urbana
Bayley, Herbert Grant—Economics B.S., 1922	* †	Carmi
Beadles, William Thomas—Economics A.B. ( <i>Illinois Wesleyan Univ.</i> ), 1923	* †	Ashland
Beatty, Elsie—English A.B., 1919	SS	Paris
Beatty, F M—Accountancy B.S., 1922	SS	Chicago
Beckman, Arnold—Physical Chemistry B.S., 1922	SS	Bloomington
Behrens, Martin Albert—Economics B.S., 1919	SS	* † Urbana
Bell, John Fred—Economics A.B. ( <i>Muskingum Coll.</i> ), 1923		* † Carrollton, Ohio
Bengston, Helmer—Chemistry A.B. ( <i>Augustana Coll.</i> ), 1921	SS	Rock Island
Bennett, Theodore Lake—Mathematics A.B. ( <i>Cornell Univ.</i> ), 1921 A.M., 1923	SS	* † Urbana
Bentley, Gerald Eades—English A.B. ( <i>De Pauw Univ.</i> ), 1923		* † Anderson, Indiana
Benton, Curtis—Entomology A.B., 1920		* † Macomb
Berg, Herbert—Economics B.S., 1922	SS	* Riversids
Berzunza, Julius—Spanish A.B. ( <i>Univ. of Oklahoma</i> ), 1921 A.M., 1923		* † Champaign
Beuker, Herman—Chemistry A.B. ( <i>Hope Coll.</i> ), 1922		* † Grand Rapids, Michigan
Bishop, Ward Lesla—Economics A.B. ( <i>Earlham Coll.</i> ), 1923		* † Portland, Oregon
Black, Harold Lisle—Mathematics A.B. ( <i>Albion Coll.</i> ), 1923		* † Holt, Michigan
Blain, Walter Leroy—Botany A.B. ( <i>Wabash Coll.</i> ), 1916 A.M., 1921	SS	* † Urbana
Blevins, Lusettie—Entomology A.B., 1924		† Atwater
Blevins, Olive May—English A.B., 1921		* † Atwater
Bloom, Gladys Mabel—Latin A.B. ( <i>North-Western Coll.</i> ), 1920		* † North Baltimore, Ohio
Bloom, Margaret—French A.B. ( <i>Smith Coll.</i> ), 1914	SS	* † Urbana
Bonnen, Clarence Alfred—Economics B.S., 1920	SS	* † Urbana
Booker, Helen E—English A.B., 1904	SS	Chrisman
Borah, L Wilson—Economics A.B., 1922		* † Champaign
Boruff, Clair—Water Chemistry B.S. ( <i>Monmouth Coll.</i> ), 1923		* † Aledo
Bower, Homer C—Sociology A.B. ( <i>McKendree Coll.</i> ), 1920	SS	Hutsonville
Bowers, Harold Eldon—Physical Chemistry A.B. ( <i>Indiana Univ.</i> ), 1919 M.S. ( <i>Purdue Univ.</i> ), 1922		* † Gary, Indiana
Bowlus, Hazel W—Latin A.B., 1915	SS	* Urbana
Boyer, Mrs. Beatrice—English A.B. ( <i>Illinois Wesleyan Univ.</i> ), 1917	SS	Bloomington
Boynton, Edgar Bowe—Mechanical Engineering B.S. ( <i>Virginia Polytechnic Inst.</i> ), 1921		* † Amelia, Virginia
Boynton, Henry Bradley—Civil Engineering B.S., 1921, 1923		† Amelia, Virginia
Bray, Roger Hammond—Agronomy B.S. ( <i>Pennsylvania State Coll.</i> ), 1923	SS	* † Vineland, New Jersey

Breathwit, Rachel Augusta—Romance Language A.B., A.M., 1920-1921	* † Urbana
Brehm, Helen Evelyn—English A.B., 1923	* † Washington, Dist. of Columbia
Brickett, Edward M.—Theoretical and Applied Mechanics B.S. (Massachusetts Inst. of Technology), 1920	* † Swampscott, Massachusetts
Bridges, Gerald J—Economics A.B. (DePauw Univ.), 1922	SS Greencastle, Indiana
Bright, L O—Education A.B., 1915	SS Foosland
Brock, Irle M—Education B.S., 1922	SS Mt. Vernon
Brode, Wallace Reed—Organic Chemistry B.S. (Whitman Coll.), 1921 M.S., 1922	SS * † Walla Walla, Washington
Brooke, Sister Mary Angele—Education A.B., A.M. (Catholic Univ.), 1917, 1918	SS Chicago
Brooks, Edith—Education A.B. (Radcliffe Coll.), 1920	* Urbana
Broom, Mybert Eustace—Education A.B., 1921	SS * Champaign
Brouzas, Christopher George—Greek A.B. (Tri-State Coll.), 1920 A.M. (Colgate Univ.), 1921	* † Urbana
Brown, Elizabeth B—Mathematics A.B. (Friends Univ.), 1921	SS Belle Plaine, Kansas
Brown, Gladys—Mathematics A.B. (Indiana State Normal University), 1919	† Terre Haute, Indiana
Brown, R N—Education B.S., 1920	SS Greensburg, Indiana
Brownell, Mary Biglow—French A.B. (Univ. of Nebraska), 1921	* † Lincoln, Nebraska
Brownell, William Arthur—Education A.B. (Allegheny Coll.), 1917 A.M. (Univ. of Chicago), 1923	* Smethport, Pennsylvania
Broyles, Bertha Lee—Philosophy A.B. (Indiana Univ.), 1905 A.M. (Pennsylvania State Coll.), 1921	* † State College, Pennsylvania
Broyles, William Anderson—Education B.S. (Tri-State Coll.), 1905 A.B. (Indiana Univ.), 1908 A.M. (Univ. of Wisconsin), 1914	* † State College, Pennsylvania
Brubaker, Merlin Martin—Organic Chemistry A.B. (Carleton Coll.), 1923	* † St. Paul, Minnesota
Bruce, Thor William—Economics A.B. (Lawrence Coll.), 1923	* † Marinette, Wisconsin
Brueckmann, Frank George—Civil Engineering B.S., 1923	* † Polson, Montana
Buchan, Leslie James—Accountancy B.S., 1922	SS * † Urbana
Buck, Ruth—Zoology A.B. (Univ. of Missouri), 1921 A.M. (Columbia Univ.), 1922	* † Urbana
Buckler, Joseph Bruce—Education A.B., 1918	SS * † Minonk
Bull, Helen Marie—Chemistry A.B. (Goucher Coll.), 1920	SS Kennett Square, Pennsylvania
Bullions, Cornelius Shiland—Electrical Engineering E.E. (Rensselaer Polytechnic Inst.), 1916	* Urbana
Bullock, Lucile Salisbury—Education A.B., 1923	* Tonica
Burgess, Thomas Olen—Education A.B. (Wheaton Coll.), 1918 B.O. (St. Olaf Coll.), 1922 M.S., 1923	SS * † Newark
Burgum, Edwin Berry—English A.B. (Dartmouth Coll.), 1915 A.M. (Harvard Univ.), 1917	* † Concord, New Hampshire
Burnette, Esther Blys—Home Economics Ph.B. (Univ. of Chicago), 1919	* † Riverside
Burris, Quincy Guy—English 130 hrs. (Univ. of Illinois)	† Danville
Busey, Garreta Helen—English Literature A.B. (Wellesley Coll.), 1915 A.M., 1922	SS * † Urbana
Buswell, Constance Anna—English A.B. (Iowa Teachers' Coll.), 1916	* † Cedar Falls, Iowa
Butler, Courtland Livingston—Organic Chemistry B.S. (Pennsylvania State Coll.), 1920 M.S., 1923	SS * † Urbana
Byrne, Sister Mary Camillus—German A.B. (Catholic Univ.), 1912 A.M. (Univ. of Chicago), 1918	SS Chicago
Cady, George J—Sociology A.B. (Franklin Coll.), 1922	SS Boonsville, Indiana
Cagann, Oscar William—Business Organization and Operation B.S., 1921	SS * † Champaign



- Cahn, Alvin Robert—Zoology  
B.S. (*Cornell Univ.*), 1913  
M.S. (*Univ. of Wisconsin*), 1915
- Caldwell, Clyde T—Chemistry  
B.S. (*Earham Coll.*), 1922
- Calhoun, Eloise Pamela—Latin  
A.B. (*Illinois Woman's College*), 1923
- Calvery, Herbert Orion—Organic Chemistry  
B.S. (*Greenville Coll.*), 1919  
A.B., M.S., 1921, 1923
- Camp, Chester B—Economics  
B.S., 1923
- Campbell, Carlos E—Education  
B.S., 1920
- Campbell, Mason H—Genetics  
B.S., 1917  
M.S. (*Univ. of Wisconsin*), 1918
- Cannon, Lester C—Education  
B.S., 1920
- Carlson, Avis Dungan—English  
A.B. (*Southwestern Coll.*), 1917  
A.M., 1922
- Carman, Gage Griffin—Animal Husbandry  
B.S., 1922
- Carman, Max Griffin—Mathematics  
A.B., A.M., 1922, 1923
- Carmichael, Eunice Annie—Romance Languages  
A.B., 1923
- Carney, Sidney S—Agronomy  
B.S., 1920
- Carothers, Wallace Hume—Organic and Physical Chemistry  
B.S. (*Tarkio Coll.*), 1919  
M.S., 1920
- Carré, Darwin Beach, Jr.—English  
A.B., 1923
- Carroll, Mary—Spanish  
A.B. (*James Millikin Univ.*), 1911
- Carson, L W—History  
A.B. (*Franklin Coll.*), 1920
- Carver, Frederick Elmer—Pomology  
B.S., 1921
- Case, H C M—Economics  
B.S., M.S., 1912, 1919
- Casey, William Cornell—Political Science  
A.B. (*James Millikin Univ.*), 1916  
A.M., 1922
- Causey, David—Zoology  
A.B. (*James Millikin Univ.*), 1921  
A.M., 1922
- Cheeseman, Celinda Ruth—Latin  
A.B. (*Univ. of Pennsylvania*), 1919
- Chen, Kwang Yuen—Railway Mechanical Engineering  
B.S. (*Nanyang Univ.*), 1922
- Chen, Loh Kwen—Railway Civil Engineering  
B.S. (*St. John's Univ.*), 1922  
B.S., 1924
- Cheney, George Henry—Organic Chemistry  
B.S. (*Univ. of Maine*), 1919  
M.S., 1921
- Cheng, Tsuya—Applied Chemistry  
B.S. (*Chihli Technical Coll.*), 1917
- Clark, Bruce B—Soils  
B.S., 1921
- Clark, Edwin Robert—Physics  
A.B. (*Clark Univ.*), 1921  
A.M., 1923
- Clark, Francis Matthew—Agronomy  
B.S., 1923
- Clark, John Anthony—Education  
Ph.B. (*Univ. of Wisconsin*), 1923
- Clark, Marshall G—Animal Husbandry  
B.S., 1920
- Clark, Ruth—English  
A.B. (*Earham Coll.*), 1915
- Clippinger, Frank Warren—English Literature  
A.B., A.M., 1916, 1917
- Cobb, John Louis—Education  
128 hrs. (*Univ. of Illinois*)
- Cobb, T G—Education  
B.S., 1923
- Coffeen, Richard Preston—Theoretical and Applied Mechanics  
B.S., 1923
- Coffman, A W—Chemistry  
B.S., 1922
- Coghlan, Nan—English  
A.B., 1923
- \* † Chicago
- SS Urbana
- \* † Franklin
- SS \* † Peniel, Texas
- \* † Casner
- SS White Hall
- \* † Urbana
- SS Tower Hill
- \* † Urbana
- \* † Charleston
- SS \* † Charleston
- SS \* † Urbana
- \* † Urbana
- SS \* † Des Moines, Iowa
- SS New Orleans, Louisiana
- SS Decatur
- SS Gas City, Indiana
- SS \* † Urbana
- \* † Champaign
- \* † Decatur
- SS \* † Greenville
- \* Ellensburg Depot, New York
- † Yangchow, China
- † Shanghai, China
- \* † Champaign
- \* † Kiangsu, China
- \* Urbana
- \* † Springfield, Massachusetts
- \* † Mt. Sterling
- \* † Manitowoc, Wisconsin
- \* † Urbana
- SS Georgetown
- \* † Champaign
- † McCormick
- SS New Burnside
- \* Champaign
- SS Davenport, Iowa
- \* † Chicago

Cole, Sanford Stoddard—Ceramics B.S. ( <i>Alfred Univ.</i> ), 1923	* <i>Hornell, New York</i>
Coleman, Mary Virginia—French A.B. ( <i>Pennsylvania Coll.</i> ), 1919	* † <i>Murray, Kentucky</i>
Colman, Wallace—Entomology A.B. ( <i>Wabash Coll.</i> ), 1913 M.S. ( <i>Cornell Univ.</i> ), 1922	* † <i>Crawfordsville, Indiana</i>
Colvin, Carl—Education B.S., M.S., 1912, 1920	SS <i>Urbana</i>
Conkwright, Nelson Bush—Mathematics A.B. ( <i>Univ. of Kentucky</i> ), 1922	* † <i>Winchester, Kentucky</i>
Cook, Kenneth George—Physical Chemistry A.B. ( <i>Carthage Coll.</i> ), 1922	SS * † <i>Lena</i>
Cooke, Francis West—Physics A.B. ( <i>William &amp; Mary Coll.</i> ), 1915 M.S. ( <i>North Carolina State Coll.</i> ), 1923	* † <i>Gloucester, Virginia</i>
Corbin, Robert Merle—Chemistry B.S., 1923	* † <i>Winnebago</i>
Corley, Ralph Conner—Chemistry A.B., A.M., 1921, 1922	SS * † <i>Tower Hill</i>
Corman, Julian King—Education A.B., 1923	SS * † <i>Champaign</i>
Cortese, Frank—Organic Chemistry B. Chem. ( <i>Cornell Univ.</i> ), 1920	* † <i>Dunkirk, New York</i>
Cowgill, Clinton Harriman—Architecture <sup>1</sup> B.S., 1916	* † <i>Ames, Iowa</i>
Cox, Flemin W., Jr.—Geology A.B., A.M., 1908, 1921	* † <i>Champaign</i>
Cox, Gerald Judy—Chemistry B.S., M.S., 1919, 1923	SS * † <i>Bridgeport</i>
Craigmiles, Maude Mae—Philosophy A.B. ( <i>Illinois Woman's Coll.</i> ), 1923	* † <i>Pleasant Hill</i>
Crane, Floyd Hamilton—Agronomy B.S. ( <i>Ohio State Univ.</i> ), 1921	SS * † <i>Ravenna, Ohio</i>
Cress, Eldred Everett—Civil Engineering <sup>1</sup> B.S., 1918	* † <i>Urbana</i>
Croft, Huber O—Mechanical Engineering B.S. ( <i>Univ. of Colorado</i> ), 1918	SS <i>Denver, Colorado</i>
Crossman, Ralph Stuart—Civil Engineering C.E. ( <i>Cornell Univ.</i> ), 1911	* † <i>Urbana</i>
Croxton, Walter Clyde—Botany B.S., M.S., 1921, 1923	SS * † <i>Urbana</i>
Crum, Ferris Bertrand—Industrial Chemistry B.S. ( <i>Knox Coll.</i> ), 1916	* † <i>Urbana</i>
Daigh, Percy H—Education B.S., 1922	SS <i>Perry</i>
Dale, Charles Sherman—Botany B.S., A.M., 1920, 1921	* † <i>Champaign</i>
Dann, Margaret—Chemistry A.B. ( <i>Oberlin Coll.</i> ), 1923	* † <i>East Orange, New Jersey</i>
Darling, Harlan Duane—Education B.S. ( <i>Hedding Coll.</i> ), 1921	* † <i>Urbana</i>
Davidson, Fred Alexander—Genetics B.S., 1921	SS * † <i>Urbana</i>
Davis, Charles Brewer—English A.B., 1920	* † <i>Champaign</i>
Davis, Herbert S—Education A.B., 1921	SS <i>St. Louis, Missouri</i>
Davis, L K—Education A.B., 1919	SS <i>Donnellson</i>
Davison, Robert Mary—English A.B., 1923	† <i>Champaign</i>
De Coursey, Russel—Entomology A.B. ( <i>De Pauw Univ.</i> ), 1923	* † <i>Indianapolis, Indiana</i>
Degler, Howard Edward—Mechanical Engineering M.E. ( <i>Lehigh Univ.</i> ), 1914	* † <i>Urbana</i>
Denison, Sidney A—Education B.Ed. ( <i>Illinois State Normal Univ.</i> ), 1922	SS <i>Urbana</i>
Dependahl, Carrie W—English B.S., 1922	SS <i>Delhi</i>
Devereux, Edward Donald—Chemistry B.S. ( <i>Knox Coll.</i> ), 1923	† <i>Sycamore</i>
DeVries, Thomas—Physical Chemistry A.B. ( <i>Hope Coll.</i> ), 1923	* † <i>Grand Rapids, Michigan</i>
Dickinson, Frank Greene—Economics A.B., 1921	* † <i>Champaign</i>
Diffenbaugh, Guy Linton—English A.B. ( <i>Franklin and Marshall Coll.</i> ), 1912 A.M. ( <i>Harvard Univ.</i> ), 1915	* † <i>Lancaster, Pennsylvania</i>
Dillavou, Essel Ray—Accountancy A.B., J.D., 1915, 1917	* † <i>Champaign</i>
Dixon, Alfred Leonard—Physical Chemistry B.S., 1923	* † <i>Champaign</i>

<sup>1</sup>Candidate for professional degree in engineering.

Dixon, C H—Education A.B. ( <i>Illinois Coll.</i> ), 1916	SS	Urbana
Dobson, Ray Robinson—Accountancy B.S., 1923	* †	Milmsine
Doleh, Edward William—Education A.B. ( <i>Washington Univ.</i> ), 1915 A.M. ( <i>Univ. of Wisconsin</i> ), 1918	SS * †	Urbana
Doner, Ralph Douglas—Mathematics B.S. ( <i>Univ. of Chicago</i> ), 1917 M.S., 1920	* †	Urbana
Dorman, Henry Pickett—Zoology B.S. ( <i>Univ. of Georgia</i> ), 1922	* †	Urbana
Dorris, Jonathan Truman—History A.B. ( <i>Illinois Coll.</i> ), 1911 A.M. ( <i>Univ. of Wisconsin</i> ), 1918	* †	Urbana
Doty, George Lewis—Spanish A.B. ( <i>Albion Coll.</i> ), 1916 A.M., 1917	* †	Normal
Doyle, Irene May—Mathematics A.B., 1919	SS * †	Clinton
Draffin, Jasper Owen—Theoretical and Applied Mechanics B.S. ( <i>Univ. of Vermont</i> ), 1913 M.S., 1916	* †	Urbana
Dreger, Emil Edward—Organic Chemistry B.S. ( <i>North-Western Coll.</i> ), 1916 M.S., 1922	SS * †	Chippewa Falls, Wisconsin
Driggs, Frank Howard—Chemistry A.B. ( <i>Baker Univ.</i> ), 1917 M.S., 1920	* †	Baldwin, Kansas
Dubey, Jugal Kishore—Chemistry B.S., 1923	*	Bhopal, India
Duguid, Genevieve—English A.B. ( <i>Indiana Univ.</i> ), 1919	*	Fremont, Indiana
Durst, C E—Genetics B.S., M.S., 1909, 1912	* †	Urbana
Duvigneaud, Vincent Reginald—Chemistry B.S., 1923	*	Chicago
Earnest, William Watson—Education A.B., 1908	SS * †	Champaign
Eden, Royal Krebs—Education 125½ hrs. ( <i>Univ. of Illinois</i> )	* †	Urbana
Edwards, G P—Sanitary Chemistry B.S., M.S., 1918, 1921	SS	Urbana
Eigenbrodt, Harold John—Zoology A.B. ( <i>North-Western Coll.</i> ), 1921 A.M., 1922	* †	Kenyon, Minnesota
Ekblaw, George Elbert—Geology A.B., A.M., 1922, 1923	* †	Paxton
Elmer, Jacob U—Education B.S. ( <i>North-Western Coll.</i> ), 1913 A.M. ( <i>Univ. of Wisconsin</i> ), 1921	SS	Monroe, Wisconsin
Engle, Dorothy Gail—Chemistry A.B. ( <i>Univ. of Denver</i> ), 1922	* †	Denver, Colorado
Erb, Donald Milton—Economics B.S., 1922	SS * †	Urbana
Erickson, Cynil Lambert—Theoretical and Applied Mechanics B.S. ( <i>Univ. of Wisconsin</i> ), 1922	* †	Mondou, Wisconsin
Erickson, Herbert Nathaniel—Education A.B. ( <i>Augustana Coll.</i> ), 1923	* †	Moline
Ernest, Nellie Edith—Geography A.B., 1923	* †	Urbana
Ernest, Ruth—Education A.B., 1915	SS	Urbana
Espy, William Nelson—Mechanical Engineering B.S. ( <i>Carnegie Inst. of Technology</i> ), 1916	* †	Urbana
Essex, Herman Eli—Parasitology B.S. ( <i>Knox Coll.</i> ), 1919	SS * †	London Mills
Evans, James Gilbert—Economics A.B. ( <i>Simpson Coll.</i> ), 1921	SS * †	Urbana
Evans, Mrs. Mary Margaret—Home Economics B.S. ( <i>Simpson Coll.</i> ), 1923	*	Urbana
Eveland, H E—Education B.S., 1921	SS	Moccasin, Montana
Eversman, Walter George—Business Organization and Operation B.S. ( <i>Purdue Univ.</i> ), 1923	*	Richmond, Indiana
Fackler, Clarence Webster—Accountancy A.B. ( <i>Iowa State Univ.</i> ), 1920 A.M. ( <i>Univ. of Cincinnati</i> ), 1923	†	Des Moines, Iowa
Fackler, Miriam Ernestine—English B.O. ( <i>Beloit Coll.</i> ), 1922	* †	Ashton
Fager, George Edward—Horticulture B.S., 1913	SS *	Champaign
Falkenstein, Edward Jesse—Economics B.S., 1920	*	Chicago
Farwell, Cornie Angelia—Latin B.S., 1924	†	Augusta
Fawcett, Max A—Electrical Engineering B.S. ( <i>Rose Polytechnic Inst.</i> ), 1921	* †	Terre Haute, Indiana

Felbeck, George T.—Mechanical Engineering B.S., M.S., 1919, 1921	SS	Kansas City, Missouri
Fender, Owen Dewey—Political Science A.B., 1923	SS * †	Westfield
Fenton, Elizabeth L.—Education A.B. ( <i>Wheaton Coll.</i> ), 1914	SS	Jamestown, New York
Filut, Frank F.—Accountancy B.S., 1922	SS	Milwaukee, Wisconsin
Fiock, Ernest Franklin—Chemistry B.S., 1923	* †	Urbana
Fisk, Henry G.—Chemistry B.S. ( <i>Occidental Coll.</i> ), 1923	* †	Los Angeles, California
Fiske, David Lewis—Mechanical Engineering B.S. ( <i>Massachusetts Inst. of Technology</i> ), 1920	* †	Exeter, New Hampshire
Fitzgerald, Thomas Austin—Spanish P. & B. ( <i>Missouri Teachers' Coll.</i> ), 1911 A.B. ( <i>Univ. of Missouri</i> ), 1913 A.M., 1921	* †	Urbana
Flatt, Harrison O.—English A.B., 1912	SS	Louisville, Kentucky
Fleisig, Anselm J.—Mathematics A.B. ( <i>St. Procopius Coll.</i> ), 1911	SS	Cleveland, Ohio
Fletcher, Hugh Mackey—Economics A.B. ( <i>Univ. of British Columbia</i> ), 1919 A.M. ( <i>Stanford Univ.</i> ), 1920	* †	Toronto, Canada
Foots, Mary Selina—Political Science Ph.B. ( <i>Univ. of Chicago</i> ), 1920 A.M. ( <i>Yale Univ.</i> ), 1922	* †	Urbana
Forbes, Clarence Allen—Greek A.B. ( <i>Bates Coll.</i> ), 1922	* †	Colebrook, New Hampshire
Ford, Carlotta Marks—Economics A.B., A.M., 1911, 1916	*	Geneva
Ford, Jual Raymond—Engineering A.B. ( <i>Illinois Wesleyan Univ.</i> ), 1922	* †	Bondville
Fornoff, Charles Wright—History A.B., A.M., 1922, 1923	* †	Pana
Foster, Grace Marion—Latin A.B., 1922	* †	Champaign
Foster, Isaac Owen—History B.S., M.S., 1921, 1922	SS * †	Champaign
Foster, John Alan—Accountancy 127½ hrs. ( <i>Univ. of Illinois</i> )	†	Attica, Indiana
Foster, Louis Omar—Accountancy B.S., 1923	SS * †	Vermont
Frane, Ivan A.—Inorganic Chemistry B.S. ( <i>Eureka Coll.</i> ), 1922	SS	Treton, Missouri
Frankel, Benjamin Moses—Oriental History A.B. ( <i>Univ. of Cincinnati</i> ), 1921	* †	Urbana
Fraser, Gladys—Psychology A.B., 1920	†	Champaign
French, Margaret—English A.B. ( <i>Middlebury Coll.</i> ), 1911 A.B. ( <i>Mt. Holyoke Coll.</i> ), 1912	* †	Swanton, Vermont
Frese, Frank Graham—Chemistry B.S., 1923	* †	Urbana
Friedli, F. J.—Entomology B.S. ( <i>McKendree Coll.</i> ), 1916	SS	St. Louis, Missouri
Fryxell, Carl Arvid—Accountancy A.B. ( <i>Augustana Coll.</i> ), 1921	* †	Moline
Fullenwider, Elizabeth Leah—English A.B. ( <i>James Millikin Univ.</i> ), 1916 A.M., 1917	* †	Mechanicsburg
Fullerton, Greer G.—Accountancy B.S., 1923	SS * †	Bone Gap
Fullmer, Claran Emmett—Economics B.S., 1923	†	Urbana
Fuqua, Clarence N.—Mathematics B.S., 1924	†	Decatur
Furrow, Clarence Lee—Zoology A.B., A.M. ( <i>Univ. of Oklahoma</i> ), 1921, 1922	SS * †	Urbana
Furrow, Esther Y.—Zoology A.B. ( <i>Univ. of Oklahoma</i> ), 1921	*	Urbana
Gallaher, William Vrer—Water Chemistry B.S., M.S. ( <i>Iowa State Univ.</i> ), 1920, 1921	SS * †	Iowa City, Iowa
Gardner, Violet Dolores—French A.B. ( <i>Park Coll.</i> ), 1923	* †	Fort Madison, Iowa
Garner, Lloyd Preston—Electrical Engineering B.S. ( <i>Mississippi Agricultural and Mechanical Coll.</i> ), 1923	*	Agricultural College, Miss.
Garstang, Gladys Eloise—Mathematics B.S., 1923	* †	Urbana
Garvey, Neil F.—Education B.S., 1924	†	Illioopolis
Gast, Walter Ferdinand—Business Organization and Operation B.S., 1920	SS * †	St. Louis, Missouri
Gates, Cecil Elmer—Animal Husbandry B.S., 1922	SS * †	Tuscola

Gauerke, Chester Gustave—Chemistry A.B. ( <i>Lawrence Coll.</i> ), 1923	* †	Sheboygan, Wisconsin
Geneva, William Blaine—Political Science A.B. LL.B. ( <i>Illinois Wesleyan Univ.</i> ), 1914, 1917 B.Ed. ( <i>Illinois State Normal Univ.</i> ), 1917	* †	Bloomington
Getchell, Myron Warren—History B.A., A.M. ( <i>Univ. of Oregon</i> ), 1911, 1921 B.L.S., 1922	* †	Urbana
Gettys, Cora Luella—Political Science A.B., A.M. ( <i>Univ. of Nebraska</i> ), 1920, 1921	* †	University Place, Nebraska
Gibbs, Wayne Fulton—Accountancy B.S., 1921	SS	Urbana
Giddings, Mate Lewis—Home Economics A.B., 1917	* †	Danville
Giesicke, Frederick Ernest—Heating and Ventilation M.E. ( <i>Texas Agricultural and Mechanical Coll.</i> ), 1890 B.S. ( <i>Massachusetts Inst. of Technology</i> ), 1904	* †	Austin, Texas
Gilkey, Herbert James—Theoretical and Applied Mechanics B.S. ( <i>Oregon Agricultural Coll.</i> ), 1911 B.S. ( <i>Massachusetts Inst. of Technology</i> ), 1916	SS	Oakland, California
Girhard, Harold Raymond—Education A.B., 1918	SS	Urbana
Glenn, Junita Violet—English A.B. ( <i>McKendree Coll.</i> ), 1923	* †	Belleville
Glenn, Sidney Erwin—English A.B., A.M., 1922, 1923	* †	Chicago
Goff, John Alonzo—Mechanical Engineering B.S., 1921	SS	* † Colorado Springs, Colorado
Gohn, Mrs. Mollie Leona—Education A.B., 1913	SS	Fairmount
Gougler, Frank Alfred—Animal Husbandry B.S. ( <i>Oklahoma Agricultural and Mechanical Coll.</i> ), 1909 M.S. ( <i>Kansas State Agricultural Coll.</i> ), 1915	* †	Urbana
Gould, Howard Woodham—Chemistry B.S. ( <i>McKendree Coll.</i> ), 1918 M.S., 1922	* †	Urbana
Grady, Sister Rose Marie—English A.B. ( <i>Catholic Univ.</i> ), 1920 A.M., 1923	* †	Philo
Graesser, Roy French—Mathematics A.B., A.M., 1919, 1922	SS	* † Urbana
Graham, Chester Arthur—Education A.B. ( <i>Oberlin Coll.</i> ), 1919	SS	Taft, California
Gray, Archibald Edmund—Organic Chemistry B.S. ( <i>Eureka Coll.</i> ), 1922 M.S., 1923	SS	* † Eureka
Gray, Giles Wilkeson—English A.B. ( <i>De Pauw Univ.</i> ), 1914 A.M. ( <i>Univ. of Wisconsin</i> ), 1923	* †	Greensburg, Indiana
Gray, Horace Montgomery—Economics B.S., M.S., 1922, 1923	SS	* † Lerna
Green, Herschel S—History A.B., 1921	*	Hutsonville
Greene, Howard Mell—Political Science A.B., A.M. ( <i>Univ. of Texas</i> ), 1916, 1923	* †	Urbana
Gressens, Otto—Economics B.S., 1921	* †	West Chicago
Grinter, Linton E—Civil Engineering B.S. ( <i>Univ. of Kansas</i> ), 1923	* †	Lawrence, Kansas
Grosche, Alfred George—Education B.S., 1919	SS	Matteson
Grove, Pearl Forest—Botany A.B., 1913	SS	Rossville
Grose, Madison Fletcher—Philosophy A.B. ( <i>Univ. of Southern California</i> ), 1916	†	Olivet
Grylich, Fredarica Mai—English A.B., 1922	SS	Champaign
Guinard, Jean—Political Economy Bachelier de l'Enseignement secondaire (Academic de Paris), 1920 Diploma, Ecole des Hautes Etudes Commerciales (Paris), 1923	* †	Paris, France
Gurtler, William August—Theoretical and Applied Mechanics B.S., 1923	* †	Chicago
Hackett, Robert Phillip—Accountancy B.S., 1923	* †	Rochelle
Hafenrichter, Atlee Lawrence—Botany A.B. ( <i>Northwestern Coll.</i> ), 1922	* †	Plainfield
Haffey, Sister Marie—History A.B. ( <i>Coll. of St. Teresa</i> ), 1917	SS	Rock Island
Hager, Floyd David—Organic Chemistry B.S., 1922	* †	Bushnell
Hall, Hugh Fisher—Economics B.S., 1921	SS	* † Bement
Hall, Russell Alger—Theoretical and Applied Mechanics B.C.E. ( <i>Univ. of Michigan</i> ), 1916	* †	Champaign
Ham, Chester Raymond—Accountancy A.B. ( <i>Univ. of Michigan</i> ), 1917	SS	Pontiac, Michigan

- Ham, Lloyd Blinn—Physics  
A.B. (*Bates Coll.*), 1914  
A.M., 1920
- Hamilton, Tom Sherman—Organic Chemistry  
B.S., M.S., 1917, 1921
- Hance, Esther Lee—English  
A.B. (*Indiana State Normal Univ.*), 1919
- Hardesty, James Marion—Structural Engineering  
B.S. (*Univ. of Texas*), 1923
- Harding, Harry Gordon—Bacteriology  
136 hrs., (*Univ. of Illinois*)
- Harding, Leola G—Latin  
A.B. (*Greenville Coll.*), 1912
- Harland, Marion Boyer—Soils  
B.S., 1920
- Harman, Marion Anna—Greek  
A.B. (*Franklin Coll.*), 1923
- Harnly, Joseph W—Education  
A.B. (*Shurtleff Coll.*), 1899
- Harper, Charles Athiel—History  
B.S., 1922
- Harris, Eleanor—Education  
A.B. (*Univ. of Kansas*)  
A.M. (*Univ. of Chicago*), 1919
- Harris, Herbert Henry—Dairy Husbandry  
B.S., 1915
- Harris, Joseph Allen—Inorganic Chemistry  
A.B., A.M. (*Univ. of British Columbia*), 1922, 1923
- Harris, William—Education  
A.B., A.M., 1914, 1923
- Harris, Mary Vose—History  
B.A. (*Univ. of Wisconsin*), 1921
- Hartley, Miles C—Mathematics  
A.B., 1923
- Hartwell, Rhoda Alice—Zoology  
A.B. (*Mount Holyoke Coll.*), 1922  
M.S. (*Yale University*), 1923
- Hatfield, Lillian Maynard—Psychology  
A.B. (*Lake Forest Coll.*), 1923
- Hathorne, Wade Sherman—Industrial Chemistry  
B.S., 1923
- Hawkes, Joseph Bulkley—Botany  
A.B., 1923
- Haworth, Lola Marguerite—English  
A.B. (*Earlham Coll.*), 1917
- Hay, Arthur U—Animal Husbandry  
B.S., 1924
- Heald, Robert Franklin—Chemistry  
B.S. (*Ohio State Univ.*), 1922
- Heckel, Herman Conrad—Organic Chemistry  
B.S., M.S., 1921, 1922
- Heidler, Joseph Bunn—English  
A.B., A.M., 1918, 1920
- Hein, Mason August—Agronomy  
B.S., 1917
- Helmer, Oscar Marvin—Chemistry  
B.S. (*Oregon Agricultural Coll.*), 1922
- Helmreich, Ernest C—History  
A.B., 1924
- Helms, Elva Allen—Political Science  
A.B., A.M., 1922, 1923
- Henry, Bessie Lee—Botany  
A.B. (*Maryville Coll.*), 1920
- Herrmann, Clarence Charles—Economics  
B.S., M.S., 1920, 1922
- Hewes, George Cavender—Architectural Engineering  
B.S., 1923
- Hiers, Glen Sefton—Organic Chemistry  
B.S. (*Miami Univ.*), 1919  
A.M. (*Northwestern Univ.*), 1921
- Higginson, Glenn Dyere—Psychology  
B.S., M.S., 1921, 1922
- Hill, Dorothy Huntington—English  
A.B., 1922
- Hill, Edward Llewellyn—Organic Chemistry  
A.B. (*Carthage Coll.*), 1922
- Hill, James Edward—Education  
B.S., 1916
- Hill, Robert McClaughry—Chemistry  
B.S. (*Carthage Coll.*), 1915  
M.S., 1921
- Hindman, Darwin—Education  
A.B. (*Oberlin Coll.*), 1913
- Hiser, Nova Ovilla—Spanish  
A.B., 1923
- SS \* † Cedar Grove, Maine
- SS \* † Urbana
- \* † Terre Haute, Indiana
- \* † Abernathy, Texas
- † Urbana
- SS Champaign
- \* † Urbana
- \* † Indianapolis, Indiana
- SS Chrisman
- SS East St. Louis
- \* † Carlinville
- SS Cairo
- \* † W. Summerland, B. Columbia
- SS \* † Urbana
- \* Champaign
- \* † Toulon
- \* † Fitchburg, Massachusetts
- \* † Canton
- SS \* † Waukegan
- \* † Rosamond
- SS St. Joseph
- † Fowler, Indiana
- \* † Bryan, Ohio
- SS \* † Chicago
- \* † Springfield
- \* † Champaign
- \* † Portland, Oregon
- † Crescent City
- SS \* † Urbana
- \* † Maryville, Tennessee
- SS \* † Urbana
- SS \* † Barbourville, Kentucky
- \* † Urbana
- SS \* † Champaign
- SS \* Urbana
- \* † Carthage
- SS \* † Mattoon
- SS Carthage
- \* † Urbana
- \* † Cerro Gordo

Ho, Pao Jin—Political Science A.B. ( <i>Univ. of Washington</i> ), 1921 A.M., 1922		* † Singapore, British E. Indies
Hoar, Jacob T—Education A.B. ( <i>Indiana Univ.</i> ), 1919	SS	Orleans, Indiana
Hobart, Floyd B—Chemistry B.S., M.S., 1920, 1921		† Urbana
Hoersch, Victor—Mathematics A.B., M.S. ( <i>Univ. of Iowa</i> ), 1915, 1916	*	Champaign
Hofman, Fred W—Plant Breeding B.S., M.S. ( <i>Univ. of Nebraska</i> ), 1910, 1912	* †	Urbana
Holladay, James—Economics B.S. ( <i>Georgetown Coll.</i> ), 1915 M.S., 1923		† Chicago
Hoover, Borden Parker—Mathematics A.B. ( <i>Baker Univ.</i> ), 1918 A.M. ( <i>Univ. of Colorado</i> ), 1922	SS	* † Urbana
Hoover, David Henry—Economics A.B., A.M. ( <i>Bridgewater Coll.</i> ), 1913, 1914 M.S. ( <i>Vanderbilt Univ.</i> ), 1916	SS	Nokesville, Virginia
Hopkins, Charles—Mathematics A.B., ( <i>Brown Univ.</i> ), 1922	* †	Chepachet, Rhode Island
Hopkins, Helen Millar—Education A.B., 1923	* †	Urbana
Hopkins, Mary Ann—Botany A.B., 1922		† Urbana
Horner, Ruth Hermione—English A.B., 1923	SS	Champaign
Hosford, Hemphill—Mathematics A.B. ( <i>Southern Methodist Univ.</i> ), 1919	SS	* † Urbana
Hostetler, Oliver Clinton—Education B.S., 1921	SS	Charleston
Houghton, Nealie Doyle—Political Science B.S. ( <i>Missouri State Teachers' Coll.</i> ), 1921 A.M. ( <i>Univ. of Missouri</i> ), 1923		* † Urbana
Houston, Helen—English A.B. ( <i>Monmouth Coll.</i> ), 1922	SS	Canton
Hovorka, Frank—Chemistry A.B. ( <i>Illinois State Teachers' Coll.</i> ), 1922 M.S., 1923	SS	* † Champaign
Howe, Charles B—Economics B.B.A. ( <i>Univ. of Washington</i> ), 1922 M.A. ( <i>Univ. of Minnesota</i> ), 1923		* † Champaign
Hrdlicka, Clement Louis—Latin A.B. ( <i>Saint Procopius Coll.</i> ), 1918 A.M., 1922	SS	* Lisle
Hsiung, Pao Feng—Political Science A.B. ( <i>Peking Univ.</i> ), 1923	*	Peking, China
Hsu, Tsee Liang—Accountancy B.S., 1924		† Chaiingsu, China
Hubbard, Franklin Edgar—Physics A.B. ( <i>Clark Univ.</i> ), 1921	* †	Jefferson, Massachusetts
Hubbard, Karl Hammond—Physics 129 hrs., ( <i>Univ. of Illinois</i> )		† Quincy
Huber, Clyde Mortimer—Mathematics A.B. ( <i>Pennsylvania State Coll.</i> ), 1922	* †	Mount Union, Pennsylvania
Huck, Raymond—Mathematics B.S. ( <i>Illinois Coll.</i> ), 1922		† Hoyleton
Huckert, Jesse William—Mechanical Engineering B.S. ( <i>Univ. of South Dakota</i> ), 1923	* †	Urbana
Huelson, Walter August—Botany B.S. ( <i>Cornell Univ.</i> ), 1917	* †	Urbana
Huff, Edwin Gammage—Organic Chemistry A.B. ( <i>Albion Coll.</i> ), 1922	* †	Eagle, Michigan
Hummell, Armin Dean—Physics B.S. ( <i>Knox College</i> ), 1923	* †	London Mills
Hunolt, Domittilla—History A.B., 1924		† Edina, Missouri
Hunter, George William—Zoology B.S. ( <i>Knox Coll.</i> ), 1923	* †	Galesburg
Hunter, Howard Alexander—Education B.S. ( <i>Monmouth Coll.</i> ), 1920	SS	Beaver Falls, Pennsylvania
Huntington, Margaret Alice—English A.B. ( <i>Univ. of South Dakota</i> ), 1916	* †	Aberdeen, South Dakota
Huntley, Otto Erskine—Education A.B. ( <i>Hope Coll.</i> ), 1918 A.M., 1921	SS	Pontiac
Hurd, Mason Montraville—Economics B.S. ( <i>Pennsylvania State Coll.</i> ), 1921	SS	Williamsport, Maryland
Hurst, Frances Lucile Stevens—Nutrition B.S., 1923		* † Urbana
Hurst, John Wildeboor—Mathematics B.S. ( <i>Univ. of Missouri</i> ), 1920 A.M., 1921	SS	* † Urbana
Hyde, Arthur May—History A.B., A.M. ( <i>Yale Univ.</i> ), 1889, 1894		* † Urbana

- Hyde, Elizabeth Charlotte—Physiological Chemistry  
A.B. (*Mount Holyoke Coll.*), 1909  
M.A., 1922 \* † *Malone, New York*
- Hyldtoft, Ewald—Education  
A.B. (*St. Olaf Coll.*), 1916 SS \* † *Elgin*
- Iftner, George Henry—Agronomy  
B.S., 1922 \* † *Pittsfield*
- Jackson, Richard Willet—Physiological Chemistry  
B.S. (*Eureka Coll.*), 1922 \* † *Eureka*
- Jacobson, Orin Benjamin—Chemistry  
A.B. (*Univ. of South Dakota*), 1922 \* † *Sioux Falls, South Dakota*
- Jacobson, Ralph Albert—Chemistry  
Ph.B. (*Creighton Univ.*), 1916 SS \* † *Omaha, Nebraska*
- Jacobson, Ralph Albert—Chemistry  
Ph.B. (*Creighton Univ.*), 1916  
B.S., A.M. (*Univ. of Nebraska*), 1918, 1922
- Jans, Arthur W.—Economics  
B.S., 1923 SS *Peru*
- Jasper, Thomas McLean—Theoretical and Applied Mechanics  
B.S., M.S., C.E., 1911, 1911, 1921 SS \* † *Cornwall, England*
- Jenison, Marguerite Edith—History  
A.B. (*Univ. of Wisconsin*), 1917 \* † *Urbana*
- Jenkins, Harvey Foss—Botany  
B.S. (*New Hampshire Coll.*), 1917 \* † *Concord, New Hampshire*
- Jenkins, William Jacob—Physics  
A.B. (*Carleton Coll.*), 1920 SS \* † *Urbana*
- John, Mellie—English  
B.S., 1923 SS *Urbana*
- Johnson, Florence Ida—English  
A.B., 1922 \* † *Chicago*
- Johnson, Maynard Stickney—Zoology  
A.B. (*Bates Coll.*), 1921 \* † *Urbana*
- Johnston, Francis Edgar—Mathematics  
A.B., (*George Washington Univ.*), 1921  
A.M., 1923 SS \* † *Washington, D. C.*
- Johnston, Mrs. Nell Bonar—Education  
A.B., (*Converse Coll.*), 1899 \* *Urbana*
- Jones, Abbie Lane—English  
A.B., 1921 \* † *Waynesville, Indiana*
- Jones, George Tallmon—Botany  
A.B., A.M. (*Oberlin Coll.*), 1920, 1923 \* † *Oberlin, Ohio*
- Jones, Opal Rogers—Education  
A.B., 1910 SS \* † *Urbana*
- Jones, Ralph Coughenour—Economics  
B.S., M.S., 1922, 1923 \* † *Urbana*
- Jones, Walter Spencer—Mechanical Engineering  
B.S., 1922 \* † *Chicago*
- Joseph, Glenn Howe—Inorganic Chemistry  
B.S., 1922 SS *Tuscola*
- Jowe, Sou Yi—Sociology  
B.S. (*Oregon State Coll.*), 1923 \* *Fengtien, China*
- Kallas, James George—Sanitary Chemistry  
B.S., 1922 SS \* *Chicago*
- Kammlade, William Garfield—Animal Husbandry  
B.S. (*Univ. of Wisconsin*), 1915  
M.S., 1917 † *Urbana*
- Karrenbrock, Wilbert Eugene—Business Organization and Operation  
A.B. (*Central Wesleyan Coll.*), 1921 \* † *New Melle, Missouri*
- Katti, Muppanna Chanavirappa—Chemistry  
B.S., 1923 \* † *Tiptur, India*
- Kaufmann, Wilford Edward—Organic Chemistry  
A.B., A.M. (*Oberlin Coll.*), 1918, 1919 SS *West Park, Ohio*
- Kelley, Cornelia Pulsifer—English  
A.B. (*Colby Coll.*), 1918 \* † *Waterville, Maine*
- Kelley, Victor Wendell—Horticulture  
B.S., M.S., 1921, 1923 SS \* † *Urbana*
- Kelley, Max Cortis—History  
A.B. (*Hillside Coll.*), 1917 † *Vermilion*
- Kelsey, Alice Bernice—Mathematics  
A.B., 1922 \* † *Columbia City, Indiana*
- Kendall, Forrest Everett—Chemistry  
B.S., 1921 SS \* † *Urbana*
- Kennedy, Marguerite—English  
A.B., 1919 \* † *Morrison*
- Keranen, George Matthew—Structural Engineering  
B.S. (*Wabash State Coll.*), 1923 \* † *Brush Prairie, Washington*
- Kern, John William—Organic Chemistry  
A.B. (*Colgate Univ.*), 1904  
A.M. (*Syracuse Univ.*), 1910 SS \* † *Urbana*
- Ketcham, Earle Hoyt—Political Science  
Ph.B. (*Univ. of Chicago*), 1919  
A.M. (*Univ. of Michigan*), 1921 SS *Grand Rapids, Michigan*



Ketchum, Pierce Waddell—Ceramic Engineering B.S. ( <i>Univ. of Utah</i> ), 1922 M.S., 1923	SS * † Bowen
Kick, Charles Holl—Animal Husbandry B.S. ( <i>Pennsylvania State Coll.</i> ), 1922	* † Philadelphia, Pennsylvania
King, Ameda Ruth—History A.B., 1922	SS * † White Hall
King, George Edward—Bacteriology B.S. ( <i>Utah Agricultural Coll.</i> ), 1918	SS * † Urbana
King, Loman T—Economics A.B., 1923	SS * † Urbana
King, William Robert—Industrial Chemistry B.S. ( <i>Monmouth Coll.</i> ), 1920 M.S., 1922	SS * † Urbana
Kingsley, Howard L—Psychology A.B. ( <i>Adrian Coll.</i> ), 1915 A.M. ( <i>Univ. of Michigan</i> ), 1916	SS * † Urbana
Kirkpatrick, Vivian Maurine—Political Science A.B., 1923	* † Tuscola
Kissinger, Clarence A—Architectural Design B.S., 1923	* Champaign
Klages, Karl Henry William—Agronomy B.S. ( <i>Oregon Agricultural Coll.</i> ), 1921 M.S., 1922	* † Crabtree, Oregon
Kleinheksel, J. Harvey—Chemistry A.B. ( <i>Hope Coll.</i> ), 1922	* † Holland, Michigan
Kneier, Charles Mayard—Political Science A.B., 1922	* † Greenville
Knox, Guy Mortimer—French A.B. ( <i>Syracuse Univ.</i> ), 1907	SS Piedmont, California
Knox, John H—Animal Husbandry B.S. ( <i>Ohio State Univ.</i> ), 1921	* † Painesville, Ohio
Knudsen, Chester William—Education B.S., M.S., 1913, 1923	* † Urbana
Koch, Elmer Cornelius—Economics B.S., 1922	* † Alton
Kollman, Clarence John—History A.B. ( <i>Eureka Coll.</i> ), 1923	SS Paxton
Koten, Irvin Alvin—Organic Chemistry A.B. ( <i>North-Western Coll.</i> ), 1920 M.S., 1921	* † Clintonville, Wisconsin
Krumsiek, W W—Education A.B. ( <i>Central Wesleyan Coll.</i> ), 1913	SS Granite City
Kuang, Chao Chin—Political Science A.B. ( <i>Waseda Univ.</i> ), 1923	* † Shanghai, China
Ladd, Ona Mabel—Spanish A.B., A.M. ( <i>Middlebury Coll.</i> ), 1921, 1922	* Urbana
Lagerpusch, Horace Hanson—Chemistry B.S. ( <i>Knox Coll.</i> ), 1923	* † Riverside
Laible, Russell James—Animal Husbandry B.S., 1920	* † Urbana
Lamb, John, Jr.—Agronomy B.S., 1918	† Newton
Landon, Charles Earl—Economics A.B., A.M. ( <i>Univ. of Kansas</i> ), 1920, 1921	* † Mayetta, Kansas
Langford, Ernest—Architectural Engineering B.S. ( <i>Texas Agricultural and Mechanical Coll.</i> ), 1913	SS * † Champaign
Lantow, John Lawrence—Animal Husbandry B.S. ( <i>Kansas State Agricultural Coll.</i> ), 1917	SS * † State College, New Mexico
Larsen, Dorothy Hill—English A.B., 1922	† Urbana
Lawson, Burtles Carl—Agronomy B.S., 1921	SS * † Springfield
Lawson, Vera Frances—English B.Ed. ( <i>Illinois State Normal Univ.</i> ), 1917	SS Decatur
Leer, Wayne Everett—Agronomy B.S. ( <i>Purdue Univ.</i> ), 1919 M.S., 1923	* † Fairmount, Indiana
Leger, Sister Mary Celeste—History Ph.B. ( <i>Univ. of Chicago</i> ), 1918 A.M. ( <i>Loyola Univ.</i> ), 1920	SS Chicago
Leichsenring, Jane Marie—Physiology B.S., M.S., 1919, 1921	† Hubbard Woods
Le Marr, Paul Earl—History B.Ed. ( <i>Illinois State Normal Univ.</i> ), 1918	SS Carlinville
Leonard, Veda Fern—Zoology A.B., A.M., 1919, 1921	* † Rantoul
Leslie, Madge Campbell—Education A.B., 1917	SS Champaign
Leurig, Paul M—English A.B. ( <i>Illinois Coll.</i> ), 1918	SS Jacksonville
Li, Kuan Chung—Economics B.S. ( <i>Peking National Univ.</i> ), 1919	* † Peking, China
Li, Pao Lu—Transportation B.S., 1923	* † Chihli, China
Li, Sheo Hen—Applied Chemistry B.S., M.S., 1922, 1923	SS * † Kiangsu, China

Li, Yung—Economics B.S., 1923		* Chihli, China
Lindsey, Glen Aven—Animal Husbandry B.S. ( <i>Texas Agricultural and Mechanical Coll.</i> ), 1923		* † Davilla, Texas
Lindsey, Ralph Elder—Education B.S., 1920	SS	Bryan, Ohio
Ling, Shu Mong—Economics B.S., M.S., 1922, 1923		* † Hunan, China
Linsley, Clyde Maurice—Soil B.S., 1916		* Fairfield
Littig, Sister Mary Dolores—Physics A.B. ( <i>Coll. of New Rochelle</i> ), 1919	SS	Rock Island
Little, Edward Milton—Physics B.S., M.S. ( <i>Univ. of Washington</i> ), 1918, 1922		* † Seattle, Washington
Littman, Edwin Robert—Chemistry B.S., M.S., 1922, 1923	SS	* † Champaign
Locklin, Anna Pauline—English A.B. ( <i>Middlebury Coll.</i> ), 1920		* † Richford, Vermont
Locklin, David Philip—Economics A.B. ( <i>Middlebury Coll.</i> ), 1920 A.M. ( <i>Harvard Univ.</i> ), 1922		* † Richford, Vermont
Lohrmann, Erna—German A.B. ( <i>James Millikin Univ.</i> ), 1920		* † Decatur
Long, George Everett—Education A.B. ( <i>Wabash Coll.</i> ), 1916	SS	Columbia City, Indiana
Longbons, Elizabeth—Education B.S., 1922	SS	Champaign
Loomis, John Howard—Agronomy B.S. ( <i>Kansas State Agricultural Coll.</i> ), 1915	SS	Hillsdale, Michigan
Lougee, Flora Marion—Inorganic Chemistry A.B. ( <i>Bates Coll.</i> ), 1914 A.M., 1921	SS	* † Lewistown, Maine
Loveless, Alexander Watt Thomson—Chemistry B.S., 1922	SS	Indianapolis, Indiana
Lowe, Clarence George—Greek A.B. ( <i>Franklin Coll.</i> ), 1919 A.M., 1921	SS	* † Columbus, Indiana
Lu, Kai Ching—Ceramic Chemistry Degree ( <i>Japanese Coll. of Technology</i> ), 1923		* † Peking, China
Lunt, Herbert A—Agronomy B.S. ( <i>Oregon Agricultural Coll.</i> ), 1922 M.S. ( <i>Washington State College</i> ), 1923		† Corvallis, Oregon
Lutz, Caroline Stockey—English A.B. ( <i>Goucher Coll.</i> ), 1911 A.M. ( <i>Columbia Univ.</i> ), 1916		* Decatur
Lyon, John Boyd—Ceramic Engineering <sup>1</sup> B.S., 1916		* † St. Louis, Missouri
Lytle, Merwyn Quincy—Business Organization and Operation B.S., 1921	SS	* † Quincy
McAllister, Ferry Waldo—Education A.B. ( <i>DePauw Univ.</i> ), 1916	SS	Stendall, Indiana
McAnlis, Chauncey Ruthven—Civil Engineering B.S., C.E. ( <i>Pennsylvania State Coll.</i> ), 1910, 1915		* Urbana
McAnally, Marian Pace—English A.B., 1920		* Mount Vernon
McClellan, George Byrd—Mathematics B.S. ( <i>Miami Univ.</i> ), 1918	SS	* † Bement
McCollough, Elzy Vern—Economics A.B. ( <i>Tarkio Coll.</i> ), 1908 A.M., 1915	SS	Tarkio, Missouri
McConagha, William Albert—Economics B.S. ( <i>Muskingum Coll.</i> ), 1917 A.M., 1922	SS	* † New Concord, Ohio
McCoy, Helen—Mathematics A.B. ( <i>Monmouth Coll.</i> ), 1920		* † Monmouth
McDonald, Earl George—Economics B.S., 1923		* † Chicago
McElvain, Samuel Marion—Organic Chemistry B.S. ( <i>Washington Univ.</i> ), 1920 M.S., 1921	SS	St. Louis, Missouri
McGregor, Rob Roy—Food Chemistry A.B., A.M. ( <i>McMaster Univ.</i> ), 1916, 1923		* † Ottawa, Canada
McHarry, Liesette Jane—Education A.B., 1912	SS	Champaign
Mellroy, Glen Wilson—Poultry Husbandry B.S. ( <i>Univ. of Wisconsin</i> ), 1921		† Urbana
McIntosh, Florence Helen—Mathematics A.B. ( <i>Monmouth Coll.</i> ), 1923		* † Monmouth
McIntyre, Rolson Duncan—Economics B.S., M.S., 1921, 1923	SS	* † Wilmington
McKee, Donald B—History A.B. ( <i>Earlham Coll.</i> ), 1923	SS	Fort Wayne, Indiana
McKibbin, Thomas Stuart—History A.B. ( <i>Coll. of the Pacific</i> ), 1917 A.B. ( <i>Univ. of California</i> ), 1919		* Anna

<sup>1</sup>Candidate for professional degree in engineering

- McKittrick, James Esten—Agronomy  
B.S., 1924
- McLarty, Alfred Dewey—Political Science  
A.B., 1922
- McMinn, Mrs. Helen—English  
Ph.B. (*Univ. of Chicago*), 1919
- McMinn, Ney Lannes—English  
Ph.B. (*Westminster Coll.*), 1920
- McRoberts, L. H.—Sanitary Chemistry  
B.S. (*Montana State College*), 1921
- McVay, Thomas Newkirk—Ceramics  
B.S., 1914
- Ma, Yu Ming—Chemistry  
B.S., 1923
- Mackey, Arthur Kapp—Animal Husbandry  
B.S. (*Purdue Univ.*), 1921  
M.S., 1923
- Malin, Reba—Chemistry  
A.B. (*Univ. of Montana*), 1923
- Manderson, Margaret E.—Zoology  
B.S. (*Coe Coll.*), 1921
- Manter, Harold Winfred—Zoology  
A.B. (*Bates Coll.*), 1922  
A.M., 1923
- Mapes, Lester Ryan—Chemistry  
B.S. (*Carthage Coll.*), 1916
- Marple, Raymond Parke—Accountancy  
B.S. (*Univ. of Iowa*), 1922
- Martin, Alonzo—Physical Chemistry  
B.S. (*Univ. of Idaho*), 1922
- Martin, John Campbell—Industrial Chemistry  
B.S. (*Tarkio Coll.*), 1922
- Masuda, Reisuke—Ceramics  
B.S. (*Meiji Coll. of Technology*), 1920
- Mathews, Claude Kelsey—Civil Engineering  
B.S. (*Univ. of Kansas*), 1919
- Matsuno, Masashi Alfred—Railway Civil Engineering  
B.S., 1923
- Matthews, Jim P.—English  
A.B. (*Univ. of Arkansas*), 1916
- Mattoon, Edwin Whitaker—Education  
A.B., 1915
- Maxey, James Roy—Education  
A.B. (*McKendree Coll.*), 1916
- Mayer, Suzanne—English  
A.B. (*Illinois Coll.*), 1923
- Mayhew, Roy Lewis—Zoology  
B.S. (*Iowa Wesleyan Univ.*), 1914  
A.M. (*James Millikin Univ.*), 1917
- Meland, Bernard Eugene—Sociology  
A.B. (*Park Coll.*), 1923
- Menick, Stuart W.—Latin  
A.B., 1924
- Melton, Presley Warren—Education  
B.S., 1923
- Michael, William Manford—English  
A.B., 1920
- Michalek, John Clarke—Chemistry  
B.S., 1923
- Mikesell, William Henry—Psychology  
A.B. (*Western Maryland Coll.*), 1909  
B.D. (*Westminster Theological Seminary*), 1912  
A.M. (*Harvard Univ.*), 1914
- Miles, Margaret Leslie—Romance Languages  
A.B., 1921
- Miller, Mary Noreene—English  
A.B., 1923
- Milligan, Mary Virginia—Natural Science  
Ph.B. (*Univ. of Chicago*), 1920
- Mills, Helen Thompson—French  
A.B. (*Miami Univ.*), 1919
- Mills, Lindley E.—Organic Chemistry  
A.B. (*Miami Univ.*), 1918
- Milton, Charles—Geology  
A.B. (*Univ. of Iowa*), 1921
- Mohlman, Harry—Floriculture  
B.S., 1916
- Montgomery, Charlotte Wood—English  
A.B. (*Rockford Coll.*), 1923
- Montgomery, Edna Modey—Chemistry  
A.B. (*Univ. of Montana*), 1919
- Moore, Benjamin C.—Education  
B.Ed. (*Illinois State Normal Univ.*), 1923
- Moore, Carl Ben—English  
A.B. (*Eureka Coll.*), 1916
- Moore, Clarence Eugene—Botany  
A.B. (*Univ. of Montana*), 1922
- † *Pana*
- \* † *Harvey*
- † *Hammond, Indiana*
- \* † *Urbana*
- † *Bozeman, Montana*
- \* † *Urbana*
- \* *Mukden, China*
- † *Logansport, Indiana*
- \* † *Hamilton, Montana*
- \* † *Panora, Iowa*
- \* † *Anson, Maine*
- SS *Ferris*
- \* † *Pomeroy, Iowa*
- † *Couder d' Alene, Idaho*
- \* † *Urbana*
- \* *Hiroshima, Japan*
- \* † *Champaign*
- \* *Miyagi, Japan*
- SS *Horatio, Arkansas*
- SS \* *St. Joseph*
- SS *Shattuc*
- \* † *Belfort, France*
- \* † *Urbana*
- \* † *Homewood*
- † *Wilbraham, Massachusetts*
- SS *Champaign*
- SS *Champaign*
- \* † *Chicago Heights*
- \* † *Chicago*
- \* † *LaGrange*
- \* † *Lebanon, Indiana*
- \* † *Denver, Colorado*
- \* *Chattanooga, Tennessee*
- \* *Waynesville, Ohio*
- \* † *Urbana*
- \* † *Urbana*
- \* † *Rockford*
- \* *Chinook, Montana*
- SS *Onarga*
- † *El Paso*
- \* † *Chico, California*

Moore, Clifford Walter—Economics B.Ed. ( <i>Illinois State Normal Univ.</i> ), 1922	SS	* † Urbana
Moore, Gerald Everett—Mathematics B.S. ( <i>Hedding Coll.</i> ), 1922	SS	Abingdon
Moore, Lewis Albert—Agronomy B.S., 1916		* † Humbolt
Moose, Joe Eugene—Chemistry A.B. ( <i>Southern Methodist Univ.</i> ), 1917 M.S., 1922		* † Urbana
Morrel, John Smylie—Mathematics A.B. ( <i>Southwestern Univ.</i> ), 1920		* † Milford, Texas
Morris, John Louis—History B.S. ( <i>Indiana Central Normal School</i> ), 1914 A.B. ( <i>Univ. of Montana</i> ), 1922		* † Clay City
Morrison, Robert Rees—Animal Husbandry B.S., 1924		† Savoy
Morrow, Walter Thomson—Civil Engineering B.S. ( <i>Univ. of Colorado</i> ), 1918		* † Champaign
Moses, Leslie Alfred—Mining Engineering B.S. ( <i>Univ. of the Witwatersrand</i> ), 1923		* † Johannesburg, South Africa
Mullins, Edgar Raymond—Education A.B. ( <i>Indiana Univ.</i> ), 1917	SS	Flat Rock
Mundhenke, Herbert—Economics A.B. ( <i>Lawrence Coll.</i> ), 1922	SS	Rockford
Munkwitz, Richard Charles—Dairy Husbandry B.S. ( <i>Univ. of Wisconsin</i> ), 1922	SS	Edgar, Wisconsin
Munn, Lottie Ella—Inorganic Chemistry A.B. ( <i>Baldwin-Wallace Coll.</i> ), 1917 M.S., 1922		* † Grafton, Ohio
Myers, Kenneth Hayes—Economics B.S., 1922		* † Champaign
Myers, Lena Josephine—English A.B., A.M., 1913, 1918		* Quincy
Nakayama, Moki—Electrical Engineering <sup>1</sup> B.S., 1917		* † Tokyo, Japan
Nauman, Robert Henry—Education A.B. ( <i>North-Western Coll.</i> ), 1920	SS	Mendota
Neckers, J W—Chemistry A.B. ( <i>Hope Coll.</i> ), 1923		* † Clymer, New York
Nelson, Norman Edward—English A.B., A.M. ( <i>Univ. of Minnesota</i> ), 1921		* † Minneapolis, Minnesota
Nelson, Severina Elaine—English A.B., A.M., 1918, 1923		* † Dallas, Texas
Newburn, Iva Florence—Home Economics A.B., 1918		* † Urbana
Nicholson, John Angus—Philosophy A.B. ( <i>Dalhousie Univ.</i> ), 1916 A.M. ( <i>Univ. of Toronto</i> ), 1922		* † Valleyfield, Prince Edward Island
Nickoley, Edward Frederick—Economics A.B., A.M., 1898, 1915		* † Beirut, Syria
Nims, Valiant G—Physical Education B.S., 1923		† Champaign
Nobles, Clarence Redden—Animal Husbandry B.S., 1923	SS	Champaign
Nolan, Aretas Wilbur—Education A.B. ( <i>Indiana Univ.</i> ), 1905 M.S. ( <i>West Virginia Univ.</i> ), 1911	SS	* † Urbana
Noller, Carl Robert—Organic Chemistry B.S., M.S. ( <i>Washington Univ.</i> ), 1922, 1923	SS	* † St. Louis, Missouri
Nordlis, Leonard Truman—Economics A.B. ( <i>Concordia Coll.</i> ), 1917	SS	Deerfield, Wisconsin
North, Edward Oscar—Analytical Chemistry B.S. ( <i>Beloit Coll.</i> ), 1918 M.S., 1922		* † Rockford
Nothenberg, Esther Mercedes—Zoology A.B., 1923		* † Chicago
Noyes, Charles Edmund—English A.B., 1923		† Urbana
Null, Fay Edison—Physics B.S., 1923		* † Urbana
Nye, Lloyd M—Education A.B. ( <i>James Millikin Univ.</i> ), 1921		* † Farmer City
O'Donnell, Thomas Edward—History of Architecture B.S., 1913		* † Urbana
Oesterling, Henry Carl—English A.B. ( <i>Westminster Coll.</i> ), 1915		* Butler, Pennsylvania
Ogg, Frank Chappell—Mathematics A.B. ( <i>Univ. of New Mexico</i> ), 1922		* † Dodge City, Kansas
Ojemann, Ralph Henry—Physiological Chemistry B.S., 1923		* † Peoria
Orians, George Harrison—English B.A. ( <i>North-Western Coll.</i> ), 1922 A.M., 1923		* † Marion, Ohio
Orland, Frank—Business Organization and Operation B.S., 1924		† Murphysboro

<sup>1</sup>Candidate for professional degree in engineering.

Orr, Clarence—Education A.B., 1914	SS	Auburn
Osgood, William Ruprecht—Theoretical and Applied Mechanics A.B. ( <i>Harvard Univ.</i> ), 1917 B.S. ( <i>Massachusetts Inst. of Technology</i> ), 1919	SS * †	Urbana
Packard, Charles Earl—Zoology A.B. ( <i>Bates Coll.</i> ), 1919	* †	Carmel, Maine
Parker, John Houston—Mechanical Engineering B.S., 1922	†	Lincoln
Parkinson, Harold Nevins—Theoretical and Applied Mechanics B.S. ( <i>Purdue Univ.</i> ), 1918	†	Urbana
Patterson, Ruby V—English A.B. ( <i>Hedding Coll.</i> ), 1913	SS	LeRoy
Patton, Audley Everett—Economics B.S., M.S., 1921, 1922	* †	Colorado Springs, Colorado
Pawn, Zun Lean—Railway Mechanical Engineering B.S., 1921	*	Kiangsu, China
Peck, Leo T—Education 128 hrs. ( <i>Univ. of Illinois</i> )	†	Nebo
Peffer, Helen Hayes—Journalism A.B. ( <i>Univ. of Kansas</i> ), 1919	*	Eureka, Kansas
Penfound, William Theodore—Botany A.B. ( <i>Oberlin Coll.</i> ), 1922	* †	Elyria, Ohio
Perkins, Edward Everett, Jr.—Electrical Engineering B.S. ( <i>Johns Hopkins Univ.</i> ), 1917	* †	Springfield, Maryland
Perrott, Richard Henry—Education A.B., 1916	SS	Claremont
Perry, Warren Land—English A.B. ( <i>Univ. of Washington</i> ), 1923	* †	Tacoma, Washington
Peters, Christopher Snidham—Industrial Chemistry B.S., 1923	*	Travancore, India
Pettinger, Nicholas Albert—Agronomy B.S. ( <i>Iowa State Coll.</i> ), 1923	* †	Creston, Iowa
Philbrick, Mrs. Edith Hoppe—German A.B. ( <i>Univ. of Chicago</i> ), 1914	* †	Urbana
Pieper, John—Plant Physiology B.S., M.S., 1916, 1917	* †	Urbana
Pierce, John Stanton—Organic Chemistry B.S. ( <i>Georgetown Coll.</i> ), 1920 M.S., 1921	* †	Callettsburg, Kentucky
Pierce, Maurice J—Accountancy B.S., 1921	SS *	Champaign
Piercy, Josephine Ketcham—English A.B., A.M. ( <i>Indiana Univ.</i> ), 1918, 1919 A.M. ( <i>Columbia Univ.</i> ), 1922	* †	Bloomington, Indiana
Pierson, Cohen Gallatin—American History A.B. ( <i>DePauw Univ.</i> ), 1922	* †	Greencastle, Indiana
Pierson, Lorraine—French A.B. ( <i>Transylvania Coll.</i> ), 1917 A.M. ( <i>Univ. of Chicago</i> ), 1922	SS	Urbana
Pierson, Pauline—French A.B. ( <i>Transylvania Coll.</i> ), 1914 A.M. ( <i>Univ. of Chicago</i> ), 1922	SS * †	Urbana
Pires, Elson Eugenia—History A.B. ( <i>Illinois Woman's Coll.</i> ), 1923	* †	Jacksonville
Plummer, Allison Oliver—Agricultural Education B.S., 1924	†	St. Joseph
Plunkett, Orda Allen—Botany A.B. ( <i>Wabash Coll.</i> ), 1920 A.M., 1922	* †	Crawfordsville, Indiana
Poindexter, Gabriel Garner—Sociology A.B., 1923	*	Indianapolis, Indiana
Poor, Russell Spurgeon—Geology B.S., 1923	* †	Hamilton, Missouri
Porter, Henry Van Arsdale—Education B.Ed. ( <i>Illinois State Normal Univ.</i> ), 1918	SS	Peoria
Powell, Weldon—Economic Theory B.S., M.S., 1922, 1923	* †	Urbana
Poyser, Gail Kenneth—Horticulture B.S., 1923	SS * †	Waukegan
Prather, Charles Lee—Economics B.Ed. ( <i>Eastern Illinois State Teachers' Coll.</i> ), 1922 A.M., 1923	SS * †	Charleston
Prather, Orra—English A.B. ( <i>Southwestern Coll.</i> ), 1917 A.M. ( <i>Univ. of Kansas</i> ), 1918	* †	Winfield, Kansas
Pratt, Eugene Sherman—English A.B. ( <i>Columbia Univ.</i> ), 1920	* †	Brooklyn, New York
Pratt, Harry E—Education B.S., 1923	SS	Cambridge
Price, Edward Pugh—Electrical Engineering B.S. ( <i>Univ. of Texas</i> ), 1921	SS	Hereford, Texas
Proctor, George M—Economics A.B. ( <i>James Millikin Univ.</i> ), 1922	* †	Decatur
Puntambeker, Shripati Venkatik—Organic Chemistry B.S., 1923	* †	Poona City, India

Radtki, Stephen John—English A.B., 1922	SS	Avilla, Indiana
Rand, Helen Margaret—English A.B. ( <i>Colorado Coll.</i> ), 1913 A.M. ( <i>Radcliffe Coll.</i> ), 1918	* †	Urbana
Randall, Glenn Orvice—Horticulture B.S. ( <i>Univ. of Arkansas</i> ), 1922 M.S. ( <i>Iowa State Coll.</i> ), 1923	*	Rogers, Arkansas
Rapp, Mrs. Esther H.—Philosophy A.B., 1923	SS * †	Urbana
Rassweiler, Clifford Fred—Organic Chemistry A.B. ( <i>Univ. of Denver</i> ), 1920 A.M., 1922	* †	Urbana
Rauchenstein, Emil—Economics B.S. ( <i>Univ. of Wisconsin</i> ), 1911 M.S., 1923	* †	Urbana
Reagan, George William—Education A.B. ( <i>Indiana Univ.</i> ), 1918	SS * †	Urbana
Reed, Alvin Josiah—Dairy Husbandry B.S. ( <i>Kansas State Agricultural Coll.</i> ), 1910	*	Olney
Reed, Marion Capps—Organic Chemistry B.S. ( <i>Kansas State Agricultural Coll.</i> ), 1921 M.S. ( <i>Ohio State Univ.</i> ), 1922	*	Urbana
Reed, Robert Tevis—Chemistry B.S., 1922	SS	Indianapolis, Indiana
Reid, Prentiss Edgar—Botany B.S., 1924	†	Sparta
Reidner, William E—Chemistry B.S. ( <i>Carthage Coll.</i> ), 1917	*	Adrian
Reinboth, John Franklin—Economics A.B., 1923	SS * †	Springfield
Reinsch, Bernhard Paul—Mathematics A.B., B.S., M.S., 1918, 1921, 1920	* †	Urbana
Rennebaum, Ernest Henry—Chemistry A.B., 1921	SS	Franklinville, New Jersey
Resek, Ephraim Frederick—Physical Chemistry 126½ hrs. ( <i>Univ. of Illinois</i> )	†	Champaign
Ricketts, Mabel Duncan—Education A.B. ( <i>Univ. of Nebraska</i> ), 1897	SS	Chicago
Riley, Mrs. Lila Stevenson—Latin A.B. ( <i>Cornell Univ.</i> ), 1916	* †	Urbana
Rippie, Charles William—Chemistry B.S. ( <i>Univ. of Michigan</i> ), 1919	* †	Windom, Minnesota
Roberts, Oscar Lynn—Organic Chemistry A.B. ( <i>Baker Univ.</i> ), 1923	*	Baldwin, Kansas
Robey, Lewis Cleon—Education A.B. ( <i>Wabash Coll.</i> ), 1903	SS	Fruitdale, Alabama
Robinson, Anna Belle—Education A.B., 1912	SS * †	Granville
Rodewald, Charles William—Organic Chemistry B.S., M.S., 1920, 1921	SS	Rushville
Rolfe, Mary Anna—Philosophy A.B., 1902 A.M. ( <i>Northwestern Univ.</i> ), 1914	*	Champaign
Ronalds, Francis Spring—History A.B., 1922	* †	Champaign
Rosecrans, Crandall Zachariah—Mechanical Engineering B.S., M.S., 1919-1921	* †	Champaign
Ross, Harry Albert—Economics B.S., M.S., 1917, 1922	SS	Urbana
Ross, Robert Cooke—Economics A.B. ( <i>Monmouth Coll.</i> ), 1914 B.S., 1923	SS * †	Urbana
Roy, Sharat Kumar—Geology A.B., 1922	* †	Bengal, India
Ruckman, Frances Desmond—History A.B., 1923	* †	Champaign
Rumsey, Mary Hilliard—History A.B., 1916	SS	Muscatine, Iowa
Rutledge, Mildred Virginia—English Ph.B. ( <i>Shurtleff Coll.</i> ), 1915	SS	† Alton
Ryan, Ruth Winifred—Botany A.B. ( <i>St. Clara Coll.</i> ), 1921 A.M., 1923	SS * †	Appleton, Wisconsin
Sandbarn, Lloyd Thompson—Chemistry A.B. ( <i>Lawrence Coll.</i> ), 1923	* †	Appleton, Wisconsin
Sanders, William Howard—Physics A.B., A.M., 1920, 1922	SS * †	LaCrosse, Wisconsin
Sandmeyer, Elmer Clarence—History A.B. ( <i>Iowa Wesleyan Coll.</i> ), 1917 B.D. ( <i>Garrett Biblical Inst.</i> ), 1918	* †	Seymour
Sanford, Newport Washington—Psychology A.B. ( <i>Penill Coll.</i> ), 1916 M.S. ( <i>Univ. of Arkansas</i> ), 1921	SS	Olivet
Sanmann, Frank Paul—Dairy Husbandry B.S., M.S., 1921, 1923	* †	Havanna

- Sayre, Charles Bovett—Horticulture  
B.S., 1913
- Scanlan, Robert William—Agronomy  
B.S., 1923
- Scarritt, Elwood William—Chemistry  
B.S., 1923
- Schick, Lincoln—Accountancy  
B.S., 1924
- Schmeltzer, Chauncey Brockway—Civil Engineering  
B.S., M.S., 1919, 1920
- Schmidt, Clarence Carl—Physics  
A.B. (*Cornell Coll.*), 1917  
A.M., 1921
- Schreiber, Nathan—French  
A.B., A.M., 1920, 1921
- Schuessler, Leona Margaret—French  
B.S., 1923
- Seddon, Hazel Algretta—Chemistry  
A.B. (*Drury Coll.*), 1917
- Seehausen, Paul—Education  
B.S., 1920
- Senning, John Peter—Political Science  
A.B. (*Univ. of Minnesota*), 1908
- Sergeant, Amy Gertrude—English  
A.B. (*Univ. of Michigan*), 1918
- Severns, William H—Mechanical Engineering  
B.S., 1914  
M.S. (*Univ. of Kansas*), 1915
- Seymour, Bliss—English  
A.B., 1921
- Seymour, Mildred Victoria—American History  
A.B. (*Oxford Coll.*), 1919
- Shah, Chandovlal Nanchand—Chemistry  
141 hrs. (*Univ. of Illinois*)
- Shandkov, Herluf Haldan—Botany  
A.B. (*Iowa State Teachers' Coll.*), 1923
- Shaw, Ernest Ray—Economics  
A.B. (*Cornell Univ.*), 1922
- Shaw, Hazel Yearsley—Political Science  
A.B., A.M., 1907, 1908
- Shay, Mary Lucille—History  
A.B., 1917
- Shead, Arthur Curtis—Chemistry  
B.S., M.S. (*Univ. of Oklahoma*), 1919, 1923
- Sherwood, George Ray—Chemistry  
A.B. (*Indiana Univ.*), 1922
- Shimer, Stanley Reiss—Analytical Chemistry  
B.S. (*Muhlenberg Coll.*), 1913  
B.S. (*Pennsylvania State Coll.*), 1923
- Shinn, Byron M—Chemistry  
130 hrs. (*Univ. of Illinois*)
- Shive, Roy Allen—Sanitary Chemistry  
B.S. (*Pennsylvania State Coll.*), 1921  
M.S., 1921
- Shriner, Ralph Lloyd—Organic Chemistry  
B.S. (*Washington Univ.*), 1921  
M.S., 1923
- Sieferman, Arthur—Economics  
A.B. (*Miami Univ.*), 1922
- Sieveking, Earl Gwin—Agronomy  
B.S. (*Purdue Univ.*), 1920  
A.M. (*Univ. of Missouri*), 1922
- Simmonds, Emery Seldon—Education  
B.S., 1923
- Simon, Sister Mary of the Angels—English Literature  
Ph.B. (*St. Xavier Coll.*), 1922  
A.M. (*Catholic Univ. of America*), 1923
- Sinclair, Robert Basil—English  
A.B. (*Indiana Univ.*), 1921  
A.M. (*Columbia Univ.*), 1922
- Sleezer, Marion Winnifred—History  
A.B., 1923
- Small, Dee—Animal Husbandry  
B.S., 1921
- Smith, Agnes Irene—English  
127 hrs. (*Univ. of Illinois*)
- Smith, Cloyde Moffett—Geology  
B.S., 1920
- Smith, Harold Llewellyn—Education  
B.S. (*Eureka Coll.*), 1917
- Smith, Howard Vernon—Agronomy  
B.S., 1923
- Smith, John Aaron—Education  
B.Ed. (*Illinois State Normal Univ.*), 1916
- Smith, Kenneth Orville—Physics  
A.B. (*Cornell Coll.*), 1921  
A.M., 1923
- SS \* † *Norfolk, Nebraska*
- \* † *Newton*
- \* † *Oak Park*
- † *Fayetteville, North Carolina*
- † *Champaign*
- \* † *Urbana*
- \* *Chicago*
- \* † *Joliet*
- SS *Springfield, Missouri*
- SS *Chebanse*
- \* † *Lincoln, Nebraska*
- \* † *Detroit, Michigan*
- † *Urbana*
- \* *Hillsboro*
- \* † *Benton*
- † *Surat, India*
- \* *Lindsey, Nebraska*
- \* † *Wheaton*
- \* † *Urbana*
- SS *Decatur*
- \* † *Champaign*
- SS *Salem, Indiana*
- \* † *Bethlehem, Pennsylvania*
- † *Iola, Kansas*
- SS \* † *York, Pennsylvania*
- SS \* † *St. Louis, Missouri*
- SS \* † *Harrison, Ohio*
- † *Urbana*
- SS *Camp Point*
- SS *Chicago*
- \* † *Fort Wayne, Indiana*
- SS *Paxton*
- \* † *Galatia*
- † *Marshall*
- \* † *Champaign*
- SS *Elkville*
- SS \* † *Urbana*
- SS *Troy*
- SS \* † *Morley, Iowa*

Smithson, Frederick Charles Maxted—Organic Chemistry A.B., M.S. ( <i>Illinois Wesleyan Univ.</i> ), 1915, 1916	* † Urbana
Smothers, Mrs. Elizabeth Hoskin—Education A.B. ( <i>Univ. of Colorado</i> ), 1916	SS * † Urbana
Snider, H. J.—Agronomy B.S., M.S., 1913, 1921	† Urbana
Sollenberger, Judith Katrina—English A.B. ( <i>DePauw Univ.</i> ), 1922 A.M., 1923	* † Kokomo, Indiana
Sorrell, Vernon Guy—Sociology A.B. ( <i>Univ. of Iowa</i> ), 1922	* † Glen Elder, Kansas
Sotier, Alfred Leon—Education B.S., 1923	* † St. Louis, Missouri
Soto, Rafael Arcangel—Spanish B.S., A.B., A.M., 1912, 1915, 1917	* † Urbana
Souders, Lloyd Bonham—Education B.S. ( <i>Kansas State Agricultural Coll.</i> ), 1919	SS * Urbana
Spencer, George Johnston—Entomology B.A. ( <i>Univ. of Toronto</i> ), 1914	* † Guelph, Ontario
Spencer, Grace Greenwood—Education B.S., 1922	SS Payson
Spencer, Mabel Agnes—Education B.S., 1922	SS Payson
Spencer, Victor Elwin—Chemistry B.S., 1915	SS * † Champaign
Stark, Orton Kirk—Botany A.B. ( <i>DePauw Univ.</i> ), 1922	* † Cromwell, Indiana
Stark, Robert Walter—Agronomy B.S., 1895	* † Urbana
Stauffer, Russell Scott—Soils B.S. ( <i>Pennsylvania State Coll.</i> ), 1917 M.S., 1923	* † New Bethlehem, Pennsylvania
Steggerda, Morris—Zoology A.B. ( <i>Hope Coll.</i> ), 1922	SS * † Holland, Michigan
Steinert, Hildur Edith—Chemistry A.B., 1921	SS Chicago Heights
Steinmiller, Meriam H.—Romance Languages Ph.B. ( <i>Univ. of Chicago</i> ), 1919	* Rushville
Stephens, Ross—Education 127½ hrs. ( <i>Univ. of Illinois</i> )	* † Urbana
Stewart, William Martin—Accountancy B.S., 1923	SS * † Alton
Stidham, Melissa Geneva—English B.S., 1921	* † Mahomet
Stiff, Ethel—English A.B., 1918	SS Denver, Colorado
Stiritz, Benjamin Andrew—Dairy Husbandry B.S., M.S., 1918, 1922	* † Urbana
Stockwell, Marvel Marion—Economics A.B. ( <i>Cornell Coll.</i> ), 1920 A.M. ( <i>Univ. of California</i> ), 1922	* † Rockford
Stoevener, Petronilla—Education B.S., M.S., 1921, 1923	SS Raymond
Stonecipher, Sibyl—Latin A.B. ( <i>Indiana Univ.</i> ), 1919	* † Kell
Stout, Gilbert Leonidas—Botany A.B. ( <i>Miami Univ.</i> ), 1923	* Lockland, Ohio
Stouder, Florence Dell—Organic Chemistry A.B., A.M. ( <i>Univ. of Denver</i> ), 1919, 1920	* † Denver, Colorado
Stover, Norman McKee—Inorganic Chemistry B.S., M.S. ( <i>Univ. of Alberta</i> ), 1918, 1921	* † Minburn, Alberta
Stowell, Charles Jacob—Mathematics B.S. ( <i>Illinois Wesleyan Univ.</i> ), 1911 A.M., Ph.D., 1912, 1917	* † Lebanon
Strandskov, Herluf H.—Botany A.B. ( <i>Iowa State Teachers' Coll.</i> ), 1923	† Lindsey, Nebraska
Straub, Lorenz George—Civil Engineering B.S., 1923	† Kansas City, Missouri
Streitz, Ruth—Education Ph.B., A.M. ( <i>Univ. of Chicago</i> ), 1921, 1922	* † North Platte, Nebraska
Strickhouser, Sherman Israel—Sanitary Chemistry B.S. ( <i>Pennsylvania State Coll.</i> ), 1922 M.S., 1923	* † York, Pennsylvania
Stroecker, Warren Dale—Education B.S., 1922	SS Freeport
Strong, Rose Elizabeth—English B.S. ( <i>Dakota Wesleyan Univ.</i> ), 1922	SS Mitchell, South Dakota
Strunk, Elvina Mary—Zoology B.S. ( <i>Albright Coll.</i> ), 1908	* Allentown, Pennsylvania
Sullivan, Ward William—History A.B., A.M., 1911, 1914	SS Thompsonville
Swartz, Carl Errett—Chemistry B.S., 1923	SS Danville
Swearingen, James Isaac—Education B.S., 1923	SS Heyworth
Sweney, Merle Arthur—English A.B. ( <i>Hedding Coll.</i> ), 1913 A.M., 1916	† Champaign



- Tallyn, William Harold—Organic Chemistry  
B.S. (*Shurtleff Coll.*), 1921
- Tascher, Wendell Russell—Agronomy  
136½ hrs. (*Univ. of Illinois*)
- Taylor, Alvion Guilford—Economics  
A.B. (*Des Moines Univ.*), 1915  
A.M. (*Univ. of Nebraska*), 1920
- Taylor, Francis Emmett—Mathematics  
B.S. (*Illinois Coll.*), 1919
- Taylor, Helen Ione—Home Economics  
B.S. (*Lombard Coll.*), 1922
- Taylor, Paul Canaday—Economics  
B.S., M.S., 1920, 1923
- Taylor, Sarah Helen—Mathematics  
A.B. (*Illinois Coll.*), 1920  
A.M., 1922
- Tehon, Leo Roy—Botany  
A.B. (*Univ. of Wyoming*), 1916  
A.M., 1920
- Terborgh, George Willard—Economics  
A.B. (*Oberlin Coll.*), 1922
- Tharp, James Burton—French  
A.B. (*Indiana Univ.*), 1921
- Thomas, James Gladwyn—Economics  
A.B., 1923
- Thomas, Royle Price—Agronomy  
B.S., 1919
- Thomasson, Cecil Wilford—English  
A.B. (*Georgetown Coll.*), 1922
- Thompson, Alfred Paul—Chemistry  
B.S. (*Montana State Coll.*), 1915
- Thompson, Charles Woody—Economic Theory  
A.B., A.M., 1922, 1923
- Thompson, David Hiram—Zoology  
B.S. (*Purdue Univ.*), 1919  
M.S., 1921
- Thompson, Luther—Bacteriology  
A.B. (*Clark Coll.*), 1916  
A.M., 1923
- Thomsen, Anne—Mathematics  
A.B., M.S. (*State Univ. of Iowa*), 1920, 1921
- Thor, Alfred U—Soils  
B.S., 1920
- Thornsburgh, Zada Goff—Education  
A.B., 1918
- Tillman, Frank P—Education  
A.B., B.S. (*Univ. of Missouri*), 1913, 1916
- Tischler, Nathan—Zoology  
B.S. (*Rutgers Coll.*), 1923
- Tolman, Robert Gardner—Economics  
B.S., M.S., 1921, 1923
- Tomecko, Cyprian George—Organic Chemistry  
A.B. (*St. Procopius Coll.*), 1916  
A.M., 1921
- Townsend, Myron Thomas—Zoology  
B.S. (*Bates Coll.*), 1918  
M.S., 1921
- Towneley, Fred Deltzell—Physics  
A.B. (*Wabash Coll.*), 1911
- Tozier, Roy Becker—Education  
A.B. (*Park Coll.*), 1919
- Tracy, Paul Hubert—Dairy Husbandry  
B.S., M.S., 1920, 1922
- Trant, James Buchan—Economics  
A.B. (*Howard Coll.*), 1920  
A.M. (*Princeton Univ.*), 1921
- Tripp, Evelyn Atwood—English  
A.B. (*Smith Coll.*), 1912  
A.M. (*Univ. of Chicago*), 1921
- Troutman, William Chilton—English  
A.B., A.M., 1917, 1918
- Tu, Yun Tan—Political Science  
A.B. (*Peking National Univ.*), 1918
- Tucker, Ruth Emma—Home Economics  
A.B., 1923
- Tuley, William Feagan—Organic Chemistry  
B.S. (*Oregon State Agricultural Coll.*), 1922
- Turner, Fred Harold—Psychology  
A.B., 1922
- Turner, Nellie M—Education  
B.S., 1922
- Tuttle, Frank Waldo—Economics  
A.B. (*Univ. of Kentucky*), 1920
- Twoey, Helen Bernice—Bacteriology  
B.S. (*Rosary Coll.*), 1923
- \* † Benson
- † Ashkum
- \* † Washington, D. C.
- SS Three Rivers, Michigan
- \* † Galesburg
- SS \* † Urbana
- \* † Three Rivers, Michigan
- \* † Urbana
- \* † Oberlin, Ohio
- SS \* † Champaign
- \* † Champaign
- \* † Urbana
- SS Lowes, Kentucky
- SS \* † Urbana
- SS \* † Urbana
- \* † Dayton, Indiana
- SS \* † Urbana
- \* † Iowa City, Iowa
- † Cherry Valley
- SS Urbana
- SS Kirkwood, Missouri
- \* † Rosenhayn, New Jersey
- \* † Champaign
- SS \* † Lisle
- \* † Waterford, Maine
- SS Idaville, Indiana
- SS \* † Champaign
- \* † Urbana
- SS \* † Urbana
- \* † Yankton, South Dakota
- \* † Carthage, Missouri
- \* † Peking, China
- \* † Warrensburg
- SS \* † Corvallis, Oregon
- SS \* † Champaign
- † Urbana
- \* † Lexington, Kentucky
- SS \* † Odell

- Uyei, Nao—Organic Chemistry  
B.S. (*Oregon Agricultural Coll.*), 1916  
M.S., 1921
- Valentine, Roger Wendell—Economics  
A.B. (*McKendree Coll.*), 1916  
A.M., 1921
- Vance, Josiah Gaddis—Spanish  
A.B., A.M. (*Ohio State Univ.*), 1919, 1922
- Vandaveer, Frederick Ewart—Industrial Chemistry  
B.S., M.S., 1922, 1923
- Vandenburg, Mary Josephine—Philosophy  
A.B. (*Oxford Coll.*), 1919
- Vander Veen, George—Analytical Chemistry  
B.S. (*Univ. of Chicago*), 1917
- Van Gundy, Anna Justine—English  
A.B. (*Monmouth Coll.*), 1923
- Van Lone, Grant Ellsworth—Physics  
Ph.B. (*Lawrence Coll.*), 1916
- Van Sandt, Eileen—Spanish  
A.B., A.M. (*Univ. of Kansas*), 1920, 1921
- Vaughan, William Harry—Ceramics  
B.S. (*Georgia School of Technology*), 1923
- Veh, Raymond Michael—Sociology  
A.B. (*North-Western Coll.*), 1923
- Vogele, Alfred Charles—Botany  
B.S., M.S., 1918, 1920
- Vrooman, Agnes Wickfield—English  
A.B., A.M., 1922, 1923
- Wagner, Edward Michael—Economics  
B.S., M.S., 1922, 1923
- Wagner, Ehrhardt Henry—Mathematics  
A.B. (*Carthage Coll.*), 1923
- Wagner, Wesley John—Mathematics  
A.B. (*Baldwin-Wallace Coll.*), 1918  
A.M., 1921
- Wainright, Benjamin Booth—English  
A.B. (*Williams Coll.*), 1920
- Wakeley, John E—Education  
A.B. (*Wabash Coll.*), 1914
- Wall, Clifford Nathan—Theoretical Physics  
A.B., M.S., 1922, 1923
- Wallace, George Ira—Bacteriology  
B.S., 1923
- Waples, Dorothy—English  
A.B. (*Colorado Coll.*), 1917
- Warren, Hill—Education  
B.S., 1922
- Watkins, Geraldine Joy—English  
B.S., 1923
- Watkins, Ray Thomas—Ceramic Engineering  
B.S. (*Ohio State Univ.*), 1918
- Watson, Elmo Scott—English  
A.B. (*Colorado Coll.*), 1916
- Webber, Pearl—Education  
A.B., 1903
- Weber, Clarence Jacob—Chemistry  
B.S., 1923
- Weber, Oscar Friendolin—Education  
B.S., M.S., 1922, 1923
- Webster, Maud—Education  
B.S. (*Ohio Wesleyan Univ.*), 1905
- Wedekind, Bonnie Carmel—Psychology  
A.B. (*West Virginia State Univ.*), 1920
- Weisiger, George Bates—Education  
B.S., 1923
- Welch, Winona Hazel—Botany  
A.B. (*DePauw Univ.*), 1923
- West, Roy A—English  
A.B. (*West Virginia Wesleyan Coll.*), 1921  
A.M. (*Peabody Coll.*), 1922
- Westphallinger, Pauline Gertrude Elizabeth—Economics  
A.B. (*Washington Univ.*), 1919
- White, Howard—Political Science  
A.B. (*Southwestern Coll.*), 1916  
A.M. (*Univ. of Kansas*), 1917
- Whitson, Herrman Ansel—Education  
A.B., 1922
- Wicks, Nina Adella—Vertebrate Zoology  
B.S., 1923
- Wiederich, Jacob Christian—Education  
A.B. (*Coll. of Emporia*), 1913
- Wierda, John—Inorganic Chemistry  
A.B. (*Hope Coll.*), 1921  
M.S., 1922
- Wilkerson, Albert Samuel—Geology  
A.B. (*Univ. of Cincinnati*), 1921  
A.M. (*Univ. of Wisconsin*), 1923
- SS \* † *Ohydo, Japan*
- \* † *Mt. Vernon*
- \* † *Columbus, Ohio*
- \* † *White Hall*
- SS *Peoria*
- SS *Riverdale*
- \* † *Monmouth*
- SS *Ft. Atkinson, Wisconsin*
- \* † *Chanute, Kansas*
- † *Clarksdale, Mississippi*
- \* † *Gibsonburg, Ohio*
- SS \* † *Urbana*
- \* † *Kokomo, Indiana*
- \* † *LaSalle*
- \* † *Davenport, Iowa*
- SS *Elgin*
- \* † *Lowell, Massachusetts*
- SS \* † *Danville*
- SS \* † *Dayton, Ohio*
- SS \* † *Beardstown*
- \* † *Houston, Texas*
- SS *Bluford*
- SS *Warrensburg*
- † *Urbana*
- \* † *Colfax*
- SS *Urbana*
- SS *Evansville, Indiana*
- SS \* † *Champaign*
- SS *Chicago*
- \* † *Fowler, California*
- SS *Oakwood*
- \* † *Goodland, Indiana*
- SS \* *Roanoke, West Virginia*
- SS *St. Louis, Missouri*
- SS *Urbana*
- SS *Rushville*
- \* † *Mendota*
- SS \* † *Champaign*
- \* † *Holland, Michigan*
- \* *Cincinnati, Ohio*

Wilkins, Mathena Paul—Education A.B. ( <i>Knox Coll.</i> ), 1913	SS	<i>Niota</i>
Willey, Gilbert Steward—Animal Husbandry B.S., 1920	SS	<i>Urbana</i>
Willey, Perry Homer—Entomology B.S., 1923	* †	<i>Magnolia</i>
Williams, Anna W.—Physiological Chemistry A.B., A.M., 1907, 1912	* †	<i>Urbana</i>
Williams, Emily—Physiology B.S., 1923	* †	<i>Champaign</i>
Williams, Lewis Ward—Education Ph.B. ( <i>Hiram Coll.</i> ), 1909 A.M., 1918	SS * †	<i>Champaign</i>
Williamson, Mabel—Education A.B. ( <i>Northwestern Univ.</i> ), 1915	SS	<i>Chicago</i>
Wilson, Ella Mai—Spanish A.B. ( <i>Vanderbilt Univ.</i> ), 1919 A.M., 1922	* †	<i>Nashville, Tennessee</i>
Wilson, Harold Edwin—Chemistry B.S., 1924	†	<i>Geneseo</i>
Wilson, Robert North—Chemistry A.B. ( <i>Haverford Coll.</i> ), 1898 M.S. ( <i>Univ. of Florida</i> ), 1909	* †	<i>Durham, North Carolina</i>
Wimer, David Cleveland—Agronomy B.S., M.S. ( <i>Pennsylvania State Coll.</i> ), 1915, 1921	*	<i>Urbana</i>
Winter, Floyd Leslie—Agronomy B.S., 1922	SS * †	<i>Champaign</i>
Winter, Sidney Graham—Economics A.B. ( <i>Colorado Coll.</i> ), 1921 M.S., 1923	SS * †	<i>Ogden, Utah</i>
Wisely, Edson Wright—Chemistry A.B., 1921	SS	<i>Terre Haute, Indiana</i>
Woldman, Norman E—Electrochemistry B.S. ( <i>Case School of Applied Science</i> ), 1921 M.S. ( <i>Ohio State Univ.</i> ), 1922	*	<i>Cleveland, Ohio</i>
Wong, Kan Tsz—Economics 125 hrs. ( <i>Univ. of Illinois</i> )	* †	<i>Canton, China</i>
Wood, Hazel Myrth—Education B.S., 1922	SS	<i>Mt. Vernon</i>
Wood, Lyman Joy—Chemistry B.S. ( <i>Otterbeim Coll.</i> ), 1919 M.S., 1920	SS * †	<i>Champaign</i>
Woodcock, Helen Ernestine—Home Economics A.B., 1917	* †	<i>Ogden, Utah</i>
Woodward, Mildred—Botany A.B. ( <i>Smith Coll.</i> ), 1923	* †	<i>Chicago</i>
Woolley, Russell Brooks—Accountancy B.S., 1922	SS * †	<i>Champaign</i>
Worth, Albert Stanley—Animal Nutrition B.S. ( <i>Pennsylvania State Coll.</i> ), 1923	†	<i>Hatboro, Pennsylvania</i>
Wright, Charles Henry—Education B.S. ( <i>Illinois Wesleyan Univ.</i> ), 1907	SS	<i>McLean</i>
Yao, Wen Lin—Organic Chemistry B.S. ( <i>Nathional Univ. of Peking</i> ), 1921 M.S. ( <i>Univ. of Chicago</i> ), 1923	* †	<i>Machang, China</i>
Yoder, Theodore Dale—Political Economy A.B. ( <i>James Millikin Univ.</i> ), 1923	*	<i>Decatur</i>
Young, Paul Allen—Botany A.B. ( <i>Wabash Coll.</i> ), 1921 A.M., 1923	* †	<i>Fort Wayne, Indiana</i>
Young, William Morris—Physics B.S., M.S., 1921, 1922	* †	<i>Omaha, Nebraska</i>

# UNDERGRADUATE AND PROFESSIONAL COLLEGES AND SCHOOLS IN URBANA, 1923-1924

(INCLUDING THE COLLEGES OF LIBERAL ARTS AND SCIENCES, COMMERCE AND BUSINESS  
ADMINISTRATION, EDUCATION, ENGINEERING, AGRICULTURE, AND LAW,  
THE LIBRARY SCHOOL, AND THE SCHOOL OF MUSIC)

## ABBREVIATIONS

### CURRICULA

Accy	Accountancy	LG	Landscape Gardening
Agr	General Agriculture	Lib	Library Science
AE	Architectural Engineering	ME	Mechanical Engineering
Arch	Architecture	MinE	Mining Engineering
AC	Athletic Coaching	MSE	Municipal and Sanitary Engineering
Bank	Banking	Mus	Music
Bus	General Business	MusEd	Public School Music in Education
CL	Commerce and Law	PreL	Preparatory to Law
CCS	Commercial and Civic Secretary	PreM	Preparatory to Medicine
CE	Civil Engineering	PU	Public Utilities
CerE	Ceramic Engineering	RA	Railway Administration
Chem	Chemistry	RCE	Railway Civil Engineering
ChE	Chemical Engineering	REE	Railway Electrical Engineering
CT	Commercial Teachers	RME	Railway Mechanical Engineering
Ed	General Education	RT	Railway Transportation
EE	Electrical Engineering	SHAEd	Smith-Hughes Teacher Training in Agriculture, College of Education
Eng	General Engineering	SHHEEd	Smith-Hughes Teacher Training in Home Economics, College of Education
EPh	General Engineering Physics		
Flor	Floriculture		
FOM	Farm Organization and Management		
FC	Foreign Commerce		
GE	Gas Engineering	SS	Summer Session, 1923
HEAgr	Home Economics, Agriculture	Unc	Unclassified
HELAS	Home Economics, Liberal Arts and Sciences		
IA	Industrial Administration		
IED	Industrial Education		
Ins	Insurance		
Irr <sup>1</sup>	Irregular		
Jnl	Journalism		
Law	Law		
LAS	General Liberal Arts and Sciences		

NAME	CURRICULA	CREDIT HOURS <sup>2</sup>	RESIDENCE
Abbott, Ira Richmond	EE	129	* † Mason City
Abbott, Ruth Stone	HEAgr		* Mason City
Abel, Sister Ruth Marie	SS	27½	* Springfield
Abel, Mrs. Elizabeth Mae	SS	18½	* Carbondale
Abel, Wilfred Loren, Jr.	SS	32	* Louisville
Abendroth, Clarence G	SS	6	* Cambria, Wisconsin
Abney, Charles Lyndorf	CerE	81	* † Harrisburg
Abraham, Robert	ME	137½	* † Chicago Heights
Abraham, William	LAS		* † Walnut
Abrahams, Jerome Louis	Lav		* † Chicago
Abrams, Abe James	CE	66	* † Chicago
Acacio, Irineo Agcaoily	MinE (SS)	25	* † Vintar, Philippine Islands
Acheson, Edward Gordon	EE		* † Danville
Ackemann, George William	Bus		* † Elgin
Ackerman, Albert Ernest	Jnl		* † Oak Park
Ackerman, Alfred Jerome	Bus	61	* † Ligonier, Indiana
Ackerman, Paul	Bus	46	* † Oak Park
Acree, Jared Henderson	ME		* † Milford
Acton, Russel Dow	LAS	105	* † Danville
Adam, George Herman	EE	35	* † Arlington Heights
Adams, Aubrey Bruce	ChE	155	* † Grand Turk, British W. Indies
Adams, Beatrice Edna	LAS	100	* † Benton
Adams, Clarence Edwin	Agr		* † Collinsville
Adams, Emma Mae	LAS (SS)	32½	* † Urbana

<sup>1</sup>Students holding bachelor's degrees but taking undergraduate work.

<sup>2</sup>Number of credit hours computed as of February 11, 1924, to show the student's class standing during the year. In the case of students in the College of Law and the Library School, only those credits that count toward the LL.B. and B.L.S. degrees are shown.

\*† Attendance first semester indicated by the asterisk (\*); second semester by the dagger (†).

Adams, Harry Franks	SS		Olympia, Washington
Adams, Jessie Ruth	HELAS	122	Princetonville
Adams, J Wallace	PreM (SS)	8	Urbana
Adams, Lawrence Russell	LAS	70	Newton
Adams, Louise	PreM	23	Chicago
Adams, Mary Louise	LAS (SS)	93	Alexandria, Louisiana
Adams, Mary Louise	HELAS		Little Rock, Arkansas
Adams, Milward Edward	Bus		Chicago
Adams, Nathaniel Holder, Jr.	PreM		Oak Park
Adams, Robert Hall	Jnl		Oak Park
Adams, Walter Glenn	IA	117	Kewanee
Adams, Wright Rowe	PreM	63	Chicago
Adamson, Edna Charlotte	LAS		Chicago
Adamson, Jane Ann	Bus	32	Chicago
Ade, Bertha Fredericksa	HEAgr	66	Pana
Ades, William Thayer	EE		Rockford
Adkins, Edith Mary	LAS		Wilmette
Adkins, Kitchel Florence, B.A., 1913	Lib		Des Moines, Iowa
Adkins, Vinda	LAS	11	Newton
Adkins, Winifred Jane	LAS	70	Wilmette
Adles, Elizabeth Myrtle	CL	34	Du Quoin
Adsit, Gaylord DeWitt, A.B., 1923	Law	30	Wellington
Aepinus, Henrietta Evelyn	HELAS	63½	Chicago
Affron, Charlotte	Bus		Topeka, Kansas
Affron, Leah	Bus		Topeka, Kansas
Agnew, Charles Henry	SS		Champaign
Agnew, Lester Pitt	CE	40	Rockford
Agor, Pedro Ramirez	Agr		Manila, Philippine Islands
Aguilar, Isabelo Torregosa	Bank	67	Loos, Philippine Islands
Ahlbrand, Harold Carl	Bus		Seymour, Indiana
Ahlgren, Dolores Jean	LAS	31	Aurora
Ahlstrand, Alfred Oliver	Law		Rockford
Ahrens, Anna Irene	Bus (SS)		Champaign
Ahuja, Yog Dhijan	EE	133	Lahor, India
Aikman, Walter Fulton	AE		Washington, Indiana
Aitken, Louis Fred	SS		East St. Louis
Aker, Lewis Preston	ChE	63	Cedar Rapids, Iowa
Akin, Edna May	SS		Blue Mound
Albaugh, Merton Victor	Bus	36	Chicago
Alberhaskey, Mary Helen	LAS (SS)	98	Woodstock
Albert, Paul Mathias	Bus	69	Mattoon
Albert, Samuel Raymond	CE	118½	Freeport
Albert, Warren J	LAS	30	Danville
Albrecht, Marcus Fred	Agr	100	Dundee
Albright, John M	IA	71	Urbana
Albright, Mable Dorothy	LAS		Urbana
Alden, Sarah Hayward	LAS		Anna
Aldrich, Ernest Tonnig	Bus	66	Chicago
Aldrich, Eugene Elliott	SS		Duluth, Minnesota
Aleshire, Mary Elizabeth	LAS		Chicago
Alexander, Edward Harrison	Jnl		Donovan
Alexander, Harry David	Eng		Quincy
Alexander, Howard Bryce	ME		St. Louis, Missouri
Alexander, John Richardson	SS	60½	Charleston
Alexander, Lucy Maclay	HELAS	109	Belleville
Alexander, Mary Helen	Agr		Lockport
Alexander, Melancthon Herbert	Agr	73	Greenville
Alexander, Selma Beatrice	Jnl		Findley, Ohio
Alexander, Sidney S	Bus		Chicago
Alexopoulos, Constantine John	Agr		Chicago
Allais, Irene Adele	Mus	30	Terre Haute, Indiana
Allan, Francis Hall	CE		Morris
Alleman, Merle Margarite	SS	130	Champaign
Alleman, Norville James	ME	61½	Champaign
Allen, Carl Elmer	SS	143	Springfield
Allen, Donald Cameron	Agr	76½	St. Louis, Missouri
Allen, Fern Frances	Bus	12	Bement
Allen, Frances	LAS	69	Delavan
Allen, Harold Johnson	Law		Laurens, Iowa
Allen, Lyle Roy	Bus	66	Waterford, Pennsylvania
Allen, Mildred Elizabeth	LAS	69	Manteno
Allen, Norman Edward	RCE		Champaign
Allen, Wendell Bruce	AC		Dewey, Oklahoma
Allenthorp, Robert Robinson	Accy	31	Greenup
Allison, Arthur R	AE	133½	Palisades, Colorado
Allison, Bertram H	Accy	69	East St. Louis
Allison, Catherine Brown	Chem	63	Macomb
Allison, Curtis Harold	Bus (SS)	40	Chicago
Allison, Dale Omelia	AC (SS)	87	Assumption
Allison, Harold	SHAEd	94	Fairfield
Allison, LaVerne Edna	LAS		Danville
Allison, Mildred Howard	LAS		Danville
Allison, Mrs. Petra Falkenberg	LAS	78	Winnetka
Allison, R Wayne	Bus		Nebo
Allison, Rollo Gordon	Accy	31	Newton
Allman, Walter Daniel	Bus		Chicago

Allnutt, Lloyd Benjiman	Bus	24	* † Greeley, Colorado
Almer, Ethel Louise	LAS		* † Homerwood
Alpers, John H	AC		* † Champaign
Alseth, Hilda Josephine	Lib unc	603½	* † Lake Preston, South Dakota
Alsip, Ellen	SS	8	* † Ogden
Altabe, Esther	LAS	33	* † Urbana
Altabe, Jeanette	LAS		* † Urbana
Altbach, Joseph	Law		* † Chicago
Alten, Anzolette	LAS	61	* † Harvey
Alten, Kathryn Mae	HELAS		* † Harvey
Altman, James Sloan	PreM	12	* † Chicago
Altman, Orven Roland	LAS		* † East St. Louis
Amacher, Vern D	SS	88¾	* † Strawn
Ambrosius, Edgar Elmer	ME		* † Collinsville
Amelotti, Emil	EE	87	* † Staunton
Ames, Gordon Paul	Bus		* † Antioch
Amory, Eugene E. Jr.	Eng	114½	* † Chicago
Amrine, Edgar Simpson	Agr	128½	* † Vermont
Amsler, Harold E	Bus		* † Peru
Anders, Charles Edward	Accy unc	26½	* † Sadorus
Anders, George Martin	Bus	30	* † Delavan
Andersch, Marie Amelia	LAS	26	* † Rock Island
Anderson, Alfred Chester Andre	Bus		* † Chicago
Anderson, Alvin	LAS	33	* † Leland
Anderson, Bryan George	SS	8½	* † Orlando, Florida
Anderson, Carl Austin	SS	8½	* † Colton, South Dakota
Anderson, Carl Oscar	ME	126½	* † Chicago
Anderson, Clarence Bernard	Bus unc		* † Lockport
Anderson, Clarence Felix	SS	189½	* † Flora
Anderson, Clark Clifford	REE	93½	* † Moline
Anderson, Corliss Doran	Eng	35	* † Peoria
Anderson, Dwight Wilson	SS	85	* † Decatur
Anderson, Mrs. Earl William	SS		* † Charleston
Anderson, Edward Grahn	Bus	20	* † DeKalb
Anderson, Edwin John	Bus	34	* † Chicago
Anderson, Elizabeth Maude	LAS	3½	* † Chicago
Anderson, Florence Elsie	LAS	58	* † Chicago
Anderson, Frederic Nielsen	LAS	98½	* † Moline
Anderson, Grace Ardis	Lib unc		* † Mt. Pleasant, Iowa
Anderson, Harold	Bus (SS)	90	* † Paxton
Anderson, Herbert Julian	ME		* † Evanston
Anderson, Jeff Agamennon	SS	52	* † Cartersville
Anderson, John Engvald	Mus unc	8	* † Elliott
Anderson, John William Clarice	Agr	96	* † Buda
Anderson, Kenneth Gates	Bank	101	* † LaGrange
Anderson, Kenning Meredith	PreM	28	* † Chicago
Anderson, Lois Marie	HELAS	30	* † Urbana
Anderson, Mary Elizabeth	LAS		* † Decatur
Anderson, Maurice Franklin	MinE	68	* † Pinckneyville
Anderson, Mauritz L	LG	32½	* † Paxton
Anderson, Minor William	Bus	28	* † Joliet
Anderson, Otis Clare	SS	2¾	* † Xenia
Anderson, Paul Marcus	Bus	35	* † Saint Paul, Minnesota
Anderson, Roy S	SS	5	* † Monmouth
Anderson, Russell Orville	Bus	9	* † Blue Island
Anderson, Ruth, A.B., June 11, 1923	LAS irr	132	* † Chicago
Anderson, Siegel Albin	Agr		* † Milford
Anderson, Stoddard Stewart	PreM	22	* † DeKalb
Anderson, Sumner Morgan	LAS	70	* † Charleston
Anderson, Walter Theodore	Bus	80	* † Ottawa
Anderson, William Bernard	Chem	102½	* † St. Louis, Missouri
Anderson, William Donald	SS	76¾	* † Monticello
Andren, Erland Fredrick	LAS	108	* † Gary, Indiana
Andren, Ines Dorothy	Bus	116	* † Gary, Indiana
Andress, Reed Maurice	Eng	12½	* † Rockford
Andrew, James W	LAS	62	* † Palmyra
Andrew, Lowell Ross	ME	137	* † Palmyra
Andrews, Mrs. Bonnie Orpha	HEAgr		* † Champaign
Andrews, Donald Gordon	Agr	68	* † St. Louis, Missouri
Andrews, Grace Hjelm, A.B., 1923	Lib		* † Crete, Nebraska
Andrews, Robert Campbell	CerE		* † Geneseo
Andrews, Wilkins B	LAS	108½	* † Greenfield
Andrik, Emil Louis	CE	59	* † Cicero
Anell, Esther Willard, B.A., 1919	Lib	45	* † Urbana
Angell, Charles Frederick	SS	130½	* † Battle Creek, Michigan
Angell, Otis Holmes, A.B., 1923	SS		* † Rushville
Angier, Milton S	EE	110½	* † Beardstown
Ankeny, Marjorie L	LAS	113	* † Davenport, Iowa
Anthony, Jeanette	LAS		* † Evanston
Antoni, LaVern	Bus	15	* † Leland
Appel, Robert Everett	EE	126¾	* † Springfield
Appelman, Maurice Joseph	CE	69	* † Chicago
Apple, Casper Borland	Accy	73	* † Peoria
Applegate, Donald Very	Agr	68½	* † Atlanta
Applegate, Robert Bugby	ME	103	* † Western Springs
Aquart, Arthur Vincent	Bus (SS)	99	* † Oak Park

Aquino, Apolinario Lucas	LAS	101	* † Champaign
Archbold, Alice Josephine	LAS	98	* † Indianapolis, Indiana
Archer, Marjorie Edith	LAS	99	* † Peoria
Arcuri, Marion Kathryn	LAS	96½	* † Chicago
Ardell, Robert Bernard	Law	63½	* † San Francisco, California
Arden, Thomas Tracy	EE		* † Chicago
Arends, Lillian Viola	LAS	60	* † Melvin
Arends, Wilmer Ruppel	Aggr	120½	* † Melvin
Arensman, Perry D	Aggr	32	* † Metropolis
Arford, Edwin Heston	SS	72½	* † Marshall
Arford, Mary Winifred	LAS (SS)	62½	* † Marshall
Ariens, Otto Raymond	EE		* † Toledo
Arkema, Harold Peter	Eng	49½	* † Chicago
Armantout, William Everette	Arch (SS)	97	* † Champaign
Armin, Sidney	Eng	31	* † Chicago
Armington, Mary E	FC	71	* † Indianapolis, Indiana
Armistead, Ermah Lucille	HEAggr	42	* † Indianapolis, Indiana
Arms, Eloise Elizabeth	LAS		* † Wilmette
Armstrong, Agnes	HEAggr		* † Urbana
Armstrong, Alice	HEAggr		* † Urbana
Armstrong, Carl Romaine	CL	66	* † Cleveland, Ohio
Armstrong, Eulalie Helen	Mus	31	* † River Forest
Armstrong, George Arnold	EE	39	* † Centralia
Armstrong, Jennie Louise	HELAS	33	* † Peoria
Armstrong, Juliette Adams	LAS	100	* † Chicago
Armstrong, Marybelle	HELAS		* † Tolono
Armstrong, Oliver Milton	ME	140	* † Cleveland, Ohio
Armstrong, Ralph Wilburn	EE	71	* † Urbana
Armstrong, Raymond L	Bus	74½	* † Terre Haute, Indiana
Armstrong, Robert Ellis	Chem unc (SS)	84	* † Decatur
Armstrong, Sarah Marian	Eng	96	* † Lincoln
Armstrong, William Keith	CE	5	* † Hutchinson, Kansas
Armstrong, William Theodore	PreL		* † Elmhurst
Arndt, Fred Wilbur	EE	72	* † Lee
Arning, Harry Urban	EE	113	* † Quincy
Arnn, Fred Dickinson	Bus	32	* † Cairo
Arnold, Earl Frederick	Accy	68	* † Rock Island
Arnold, Elliott Leighton	Aggr	21	* † Arnold
Arnold, Frances Elizabeth	SS	4	* † Urbana
Arnold, Lathrop W	Jnl (SS)	60	* † Oak Park
Arnold, Lorn Ellsworth	SS	35	* † Decatur
Arnold, Orville Dayton, A.B., 1921	Law (SS)	48	* † Browning
Arnold, Ruth Dotterer	LAS	64	* † Little Rock, Arkansas
Arntzen, John Christian	AE	70	* † Sycamore
Arrau, Miguel Angel	EE (SS)	66	* † Santiago, Chili
Arriack, Douglass Charles	FC	27½	* † Loganport, Indiana
Arthur, Alice Elizabeth	SS		* † Streator
Arthur, Gladys Lucile	LAS	64	* † Muncie, Indiana
Arundel, Russell Moore	PreL	30	* † Jacksonville
Arvin, James Augustus	Chem	82½	* † Timewell
Ash, Esther Rebecca	Law	30	* † Muncie, Indiana
Ash, Lon Churchill	Bus		* † Ashkum
Ash, Mabel Fern	LAS	64	* † Harriestown
Ash, Russel Leonard	Aggr	29	* † Ashkum
Ashbaugh, Mrs. Beryl Vivian	HEAggr (SS)	94	* † Freeport
Ashcraft, Franklin Durham	SS	8½	* † Ray
Ashcraft, Julian Holley	AE (SS)	107	* † Westfield, Pennsylvania
Asher, Ollie Martin	LAS	94	* † Kankakee
Ashley, Harry M	SS	2	* † Clinton
Ashley, John Albert	IA	25	* † Evanston
Askey, Russel Orrin	EE	71½	* † Orangerille
Astell, Louis Alexander	PreM	99½	* † Homer
Atkinson, Joseph Elliott	Bus	100	* † Champaign
Atkinson, George Lee	LAS	10½	* † Los Angeles, California
Ator, Grace	LAS	30	* † Urbana
Ator, Joseph Reeder	Jnl (SS)	108½	* † Urbana
Attick, Marion Louise	LAS	77	* † Louisville, Kentucky
Atwood, Clarence Newell	Aggr	45½	* † Grand Ridge
Atwood, Eda Mildred	HEAggr (SS)	104	* † Grand Ridge
Atwood, George Thomas	Bus		* † Roscoe
Auble, Donald John	Aggr	55	* † Bartlett
Auerbach, Marcus Jerome	Bus		* † Chicago
Augustine, Wilbur Everard	Bus	52	* † St. Louis, Missouri
Augustus, Earl Kirkwood, B.S., 1914	SS		* † Champaign
Augustus, Ralph Edgar, B.S., 1916	SS		* † Cisco
Auld, Harold Glen	LAS		* † Ivesdale
Austin, James D	AC		* † Orid, Michigan
Austin, Margaret	HEAggr	75½	* † Effingham
Austin, Merrill Reznor	Bus	114	* † Monmouth
Austin, Pauline L	HEAggr		* † Wellington
Austin, Richard Humma	EE	62	* † Metropolis
Austin, Rufus Paterson	PreL	72	* † Kansas City, Missouri
Austin, Thomas Edward	Bus (SS)	95½	* † Effingham
Austin, Uhl Jesse	Aggr		* † Pana
Austin, Vivian Olive	Bus	59	* † Milford
Avery, Alice	LAS		* † Oak Park

Axline, Edwin Jasper	LAS	68	* Maywood
Ayer, Bruce Edward	EE		* Rockford
Ayer, Lucian Bonaparte	SS	4½	* Huntington, Maryland
Ayers, Raymond Walter	AC		* Batavia, New York
Ayres, Robert Brent	Bank	98	* Hinsdale
Babaian, Rose K	LAS (SS)		* Pascagoula, Mississippi
Babb, Elizabeth Margaret	LAS	29	* Champaign
Babbage, John	Agr	35	* Downers Grove
Babbitt, Robert Millern, Jr.	PreL	30	* Evanston
Babcock, Lucius D	Arch	61	* West Palm Beach, Florida
Babcock, Rex Geno	Bus		* Pecatonica
Baber, Asa James	Bus		* Paris
Baccus, Joseph Harold	Jnl	84	* Kewanee
Bach, Beatrice J	LAS		* Chicago
Bach, Carl Henry	Bus	52	* Chicago
Bacon, Arthur Glenn	SS	9½	* Decatur
Bacon, Carl Mitchell	Accy (SS)	68	* Newman
Baden, Paul A	PreL	32½	* Hamilton, Ohio
Badgley, Valene Louise	LAS	32½	* DeKalb
Baer, John Green	CerE (SS)	30	* Streator
Baer, Sandford Joseph	AC	110	* Murphysboro
Baethke, Jerome William	LAS	92	* Glen Ellyn
Bagwill, Hubert George	PreL		* Chester
Bahcall, Malcolm	PreL		* Maywood
Bahlmann, Helen Marie	Ed		* Goodenow
Bahnsen, Margaret	LAS	57	* Rock Island
Bailey, Carter	LAS	66½	* Chicago
Bailey, Charles Frederick	LAS		* Springfield
Bailey, Grace Franklin	Mus (SS)	8	* Urbana
Bailey, Harold Ogden	Bus	67	* Muskegon, Michigan
Bailey, Helen Hildegarda	Agr	54	* Chicago
Bailey, Helen Pauline	SHHEEd (SS)	102	* Paxton, Indiana
Bailey, Helen Payne	LAS		* Danville
Bailey, Howard M	Arch	67	* Olney
Bailey, Joseph Cannon	LAS	94½	* Danville
Bailey, Kathryn M	HELAS		* Altamont
Bailey, Mary Margaret	Ed (SS)	114½	* Oakdale
Bailey, Milton Robert	Bus		* Urbana
Bailey, Minnie Elizabeth	Mus Ed	66	* Urbana
Bailey, Robert Gilman	LAS	114	* Delaran
Bailey, Robert Rollo	Bus		* Chicago
Bailey, William Harvey	Bus	17	* Chicago
Bailie, Violet	Bus (SS)	15	* Urbana
Bailor, Ford LaRoy	SS	8½	* Coeur 'd Alene, Idaho
Bainum, Glenn Cliffe, A.B., 1913	Mus irr		* Urbana
Baird, Enid	Jnl		* Jamaica
Baird, Glenna Bernadine	HELAS	91	* Mt. Carmel
Baird, Gordon Franklin	IA	101	* Champaign
Baird, Helen, B.S., 1908	SS		* Indianola
Baird, Helen Gertrude	LAS		* Marshall
Baird, James Ross	Agr	31	* Williamsfield
Baird, Kathryn Alice	LAS		* Urbana
Baird, Marion	SS	16	* Indianola
Bairstow, Jack E	Law	30	* Waukegan
Bairstow, Ruth Elizabeth	Mus	2	* Waukegan
Baker, Clarence Edward	Agr		* Hutsonville
Baker, Dorothy	SS	101	* Hutsonville
Baker, Dorothy Rocelia	HELAS	64	* Oak Park
Baker, George Allen	Agr	34	* Hutsonville
Baker, Gladys Viola, A.B., 1919	Lib	47	* Breckenridge, Missouri
Baker, Mrs. Helen Bernice	LAS (SS)	56	* Oak Park
Baker, Howard Robert	SS	131	* Warsaw
Baker, John D	Bus (SS)	112½	* Sumner
Baker, John Lewis	Accy (SS)	81½	* Urbana
Baker, Joseph Ellis	LAS		* Sullivan
Baker, Joseph Leslie	Agr	35	* Atwood
Baker, Levi John	SS	8	* Batavia
Baker, Miriam Adele	LAS	62	* Champaign
Baker, Ralph Norton	ME	31	* Springfield
Baker, Robert Verne	PreL	34	* Oak Park
Baker, Ruth E	Ed	60	* Chicago
Baker, Virginia K	LAS (SS)	100½	* Urbana
Balaban, Harry	Bus	49½	* Chicago
Balbach, Harold Edward	Agr	94½	* Chenoa
Balbach, Paul August	PreL		* Chenoa
Balcke, Louis Andrew	PreM	32	* Pekin
Balding, Laurence Grant	PreM		* Fairmount
Baldrige, William Odus	SS	60	* Terre Haute, Indiana
Baldwin, Harold Lycurgus	Bus	27	* Grayville
Baldwin, John Harold	Bus	74½	* Chatsworth
Baldwin, Paul Munn	ChE	89	* Joliet
Bales, Edward Joseph	Agr	53	* Maywood
Ball, Dwight Kermit	Accy	36	* Champaign
Ball, James Boring	Agr		* Emory, Virginia
Ball, John Robert	IA		* Rockton
Ball, Samuel Slomian	CE	86½	* Litchfield



Ball, Velma Theresa	LAS		* † Chicago
Ballard, Alice Warren	HELAS		* † Berryryn
Ballard, Frances Barbara	HELAS	65	* † Berryryn
Ballard, James W	SS	77	* † Auburn, Indiana
Ballard, Lewis A	IA	63	* † Jerseyville
Ballard, Randall Clarence	EE	72½	* † Chicago
Ballinger, Florence Westfield	Jnl	107	* † Chicago
Balsam, Ruth Gladys, B.A., 1916	Lb		* † Manistee, Michigan
Balsley, Sara Josephine	LAS	65	* † Galesburg
Baluk, Mary Joan	SS		* † Gary, Indiana
Bamond, Manuel	ME	40½	* † Chicago
Bancroft, Virgil Herbert	PreL		* † Greenup
Bandy, John Hanson	Bus	32	* † Lake City
Bandy, Lester W	AC	72	* † Litchfield
Bane, Margaret Louise	HELAS	87	* † Kansas
Banister, Guy	ME	37	* † Stuttgart, Arkansas
Banker, Carleton Lloyd	Law		* † Chicago
Banker, Edwin Hamilton	Ed	123	* † Chicago
Banker, Mildred Ethel	LAS	95	* † Aurora
Bankson, Clyde Russell	SS	153½	* † Mound City
Bannister, Clyde	Agr	33	* † Sparta
Banta, Clifton Edward	Bus	83½	* † Pittsburg, Kansas
Banta, Elizabeth Blanche	LAS	68	* † Low Point
Banta, Ford Delno	Agr	27½	* † Puthian
Baptiste, Charles Alfonso	FC (SS)	60	* † Wheaton
Barackman, Mildred P	LAS (SS)	51½	* † Streator
Barber, Claron Dale	LAS	70	* † La Foz
Barber, Furnald Keith	Agr	96½	* † La Foz
Barcus, Gertrude Louise	Agr	188	* † Crawfordsville, Indiana
Barcus, Glenn Oscar	REE	98	* † Genoa
Bardwell, William Utley	Law	67	* † Dizon
Barker, Bernice Kathryn	Ed	96½	* † Charleston
Barker, Elizabeth	SS	8	* † Springfield
Barkey, Lillian Moore	LAS	69	* † Glen Ellyn
Barkley, Paul Croxton	LAS	61	* † Carlyle
Barla, Simon Joseph	Bus	118½	* † Seneca
Barlow, Charles Clifford	LAS		* † Walshville
Barmore, William Jennings	AC		* † Villa Grove
Barnard, Alger Sidney	Eng	116	* † Naperville
Barnes, George Hanks	AC		* † Ripley, Tennessee
Barnes, Harvey Buxton	Bus	86½	* † Oakland, California
Barnes, Homer Mahl	Bus	34	* † Oak Park
Barnes, Joseph Earl	Bus	27	* † Delaran
Barnes, Paul Royden	PreM	60	* † Joliet
Barnes, Robert Avery	Law	67	* † Washburn
Barnes, Robert Franklin	Bus		* † Sullivan
Barnes, Robert Stubbs	Ed	71½	* † Champaign
Barnett, Alvin	Accy		* † Chicago
Barnett, Franklin Newell	Law	30	* † Peoria
Barnett, Helen Clo	LAS	26	* † Ridgway
Barnett, Loyce	Mus	34	* † Ridgway
Baron, Alphonse Joseph	Accy	20½	* † Kankakee
Barr, Catherine	LAS	34	* † Urbana
Barr, Dwight Laughlin	LAS	68	* † Gibson City
Barr, James Dorwin	Arch		* † Champaign
Barr, James Worrell	CL	35	* † Joliet
Barr, Laurinda May	LAS (SS)	48	* † Champaign
Barr, L Rea	SS	38	* † Greenville
Barr, Robert Jay	Agr	65	* † Chicago
Barrett, Arthur Lee	EE	35	* † Springfield, Missouri
Barrett, Charles Aloysius	CE		* † Chicago
Barrett, Harold Truman	ME	112	* † Chicago
Barrett, Helen Elisabeth	PreM	91	* † Chicago
Barrett, Helen Raye	LAS	8	* † Champaign
Barrett, John C	SS		* † Neoga
Barrett, Lawrence Alexander	Accy		* † Chicago
Barrett, William Waller	AC	49½	* † Hume
Barrick, Grace Lucile	LAS	32½	* † Mount Olive
Barron, Blakelee	CerE	48	* † Addison, New York
Barron, Helen Susan	Bus		* † St. Louis, Missouri
Barry, Beatrice	LAS		* † Bloomington
Barry, Jennie	LAS		* † Champaign
Barta, Joe Thomas	AC	36	* † Algonquin
Bartelme, Frances Marie	LAS		* † Springfield
Bartels, Roy Roosevelt	IA		* † Dietrich
Bartle, Dean	Agr		* † Pinckneyville
Bartle, Kathryn Louise	HE Agr	31	* † Pinckneyville
Bartles, Joseph Stuart	AE		* † Hillsboro
Bartley, Sister Mercedes	SS	11	* † Seneca
Bartley, Elias Russell	IA	102	* † Waterloo, Iowa
Bartling, Henry Amandus	EE	70½	* † Litchfield
Barton, Harry	Bus	69	* † Peoria
Barton, Margaret Mae	Bus unc (SS)	6	* † Urbana
Baseman, Elmer Gerdes	EE	71½	* † Elgin
Basb, Elmer Clarence	Bus	33	* † Urbana
Baskin, Ruth Eloise	LAS	67	* † Parma, Missouri

Bass, George Allen	MinE		* Indianapolis, Indiana
Bassford, Miriam Belle	LAS		* † Chicago
Bassie, William Randall	CE	55	* † Chicago
Bate, John Louis	Jnl	25	* † Evanston
Bateman, Charles	AC		* † Joliet
Bateman, Elwood Townsend	Agr	60	* † Fisher
Bateman, Margaret Bartrou	CCS	31	* † Peoria
Bates, Bertha Mae	SS	4½	* † Carlinville
Bates, Charles Hays	EE		* † Kansas City, Missouri
Bates, Gardner Oatman	CE	106	* † Chicago
Bates, Nellie Florence	SS		* † Champaign
Bates, Riley Miland	LAS		* † Chicago
Bates, Robert Francis	IA		* † Chicago
Bathum, Roy Nestor	Bus	14	* † Elmhurst
Batman, Charles Loraine	AC	63	* † Newton
Batman, Dorothy	LAS	18	* † Sullivan
Batson, Fenton A.	LAS		* † Marshall
Batson, Walter Schafer	Agr	104	* † Keensburg
Batten, Howard Westcott	SS		* † Woodbury, New Jersey
Batty, Richmond Taylor	Bus	27	* † Winnetka
Baudino, Joe	IA		* † Herrin
Bauer, Fritz Alexander	Bus	34	* † Chicago
Bauer, Helen Catherine	LAS	18	* † Stonington
Bauer, Margaret Cecelia	Mus	53	* † Greenfield
Baughman, Carl Everett	Agr		* † Blue Mound
Baughman, Clifford Glenn	Agr	27	* † Canton, Mississippi
Baughman, Hattie Elizabeth	LAS	65	* † Taylortville
Baughman, Palmer Hubbard	EE (SS)	35	* † Greenville, Ohio
Baum, Donald Hamilton	ME	39	* † Chicago
Baumberger, Blanche Marjorie	SS	8	* † Greenville
Baumgardner, Alleyne	LAS	66	* † Colchester
Baumgardner, Clarence Charles	ME		* † Oglesby
Baumgartner, Henry Carl	Accy	102	* † Chicago
Bauml, Josephine Lorraine	SS	6	* † Chicago
Baur, Bernice Regina	LAS		* † Chicago
Baur, Howard Charles	LAS	31	* † Chicago
Baur, Willis Stewart	Bus	40½	* † Chicago
Bauter, Bruce Edison	Bus		* † Henry
Baxter, Fred Newton	LAS (SS)	43	* † Findlay
Baxter, Gladys Maxine	Jnl	28	* † Rockford
Baxter, Opal Elizabeth	SS	14	* † Patoka
Baxter, Thurston Hanson	CE	52	* † Jerseyville
Bay, Edwin	SS		* † Aledo
Bayot, Jose Maria	CE	112	* † Zamboanga, Philippine Islands
Beach, Kenneth Albert	ChE	97½	* † Wood River
Beach, William E.	Eng	69	* † Robinson
Beadles, Jessie Rachel	LAS (SS)	110½	* † Virginia
Beale, Louis Richardson	ME	36	* † Hubbard Woods
Beale, Russell C.	SS		* † Granite City
Beall, Erma	LAS	60	* † Niantic
Beall, Kenneth Sutler	Bus (SS)	61½	* † Decatur
Beam, George Parker	Arch		* † Robinson
Beam, Paul Charles	FC	79½	* † Urbana
Bean, Beryl Kenneth	Agr		* † Villa Grove
Bean, Roy Anderson	Agr	100	* † Blue Mound
Bean, Smith Cullen	CE	33	* † Mt. Vernon
Bean, William Hammond	EE	24	* † Decatur
Beane, Harold Edwin	FC	64	* † Greenfield, Indiana
Beans, Selina Mary	SS	6	* † Vermont
Beard, Byron Lugile	MinE	122	* † Arenzville
Beard, F. Lucille	HEAgr		* † Dizon
Beardsley, Alfred Stave	LAS	61	* † Council Bluffs, Iowa
Beardsley, Charlotte Marie	HELAS	60	* † Urbana
Bearg, Ernest Elmer	SS		* † Hastings, Nebraska
Beasley, Elizabeth Archer	LAS	62	* † Arcola
Beatty, Clarence Arthur	CE	36	* † Dwight
Beatty, Grace Elizabeth	LAS	115	* † Milledelotown
Beatty, Opal	HELAS	2	* † Paris
Beatty, William Henry	Jnl	66	* † Ossian, Indiana
Beauchamp, Mary Ella	Mus	103½	* † Urbana
Beauchamp, Sara DeWitt	LAS	102	* † Urbana
Beaudoin, Robert Edward	ChE	104½	* † Chicago
Beaugureau, Helen Mary	LAS	69	* † Chicago
Beaver, Jesse Ferris	Agr	34	* † Danville
Bebb, Arthur Kingsley	Agr		* † Newark, New York
Beck, Abner Frank	SS		* † Lebanon, Indiana
Beck, Charles George	Bus		* † Belleville
Beck, Otto H.	Eng		* † Champaign
Becker, Beula Frances	LAS		* † Fremont
Becker, Carlton Hewitt	CE	126	* † Elgin
Becker, George	CE	64	* † Chicago
Becker, George Robert	IA	71	* † Divernon
Becker, Willard Miller	Bus		* † Chicago
Beckman, William E.	PreL		* † Arthur
Beckstrom, Melvin Rudolph	Arch		* † Moline
Beebe, Thomas Greenleaf	Bus	36	* † Lombard

Beeby, Harold Jack	Jnl	63	* ↑ Chicago
Beedle, Howard Romine	Bank	47	* ↑ Urbana
Beedle, Paul Walter	EE	126½	* ↑ Urbana
Beedy, Emily Venice	LAS	31	* ↑ Kankakee
Beedy, Harold	EE	129	* ↑ Chicago
Beem, Voletta C	LAS		* ↑ Champaign
Beem, William Earl	PreL	96	* ↑ Champaign
Beer, Emmett Merle	AC		* ↑ Quincy
Beeson, John Andrew	SS		* ↑ Atkins, Arkansas
Bees, Thomas Putnam	EE	106	* ↑ Ashland
Behner, W Paul	Agr	35	* ↑ Martinsville
Behrens, Norbert William	PreL	36	* ↑ Urbana
Behrensmeyer, Grace Elizabeth	LAS	33	* ↑ Quincy
Behrick, William Sanford	LAS	9½	* ↑ Eldorado
Beimfohr, Helen Virginia	LAS	34	* ↑ Mapleton
Beiser, Carl Henry	ChE	76	* ↑ Chicago
Belcher, John Goddard	Arch	14	* ↑ Chicago
Belknap, Elizabeth Peirre	Ed	94	* ↑ Mansfield, Pennsylvania
Bell, Azel Lyndon	Agr	30	* ↑ Buda
Bell, Carol Myrna	LAS	67	* ↑ Barberton, Ohio
Bell, Carl Ainsworth	Agr		* ↑ Easton
Bell, Delia Anne Nora	LAS (SS)	89	* ↑ Patterson
Bell, Esther Virginia	LAS	69	* ↑ Bloomington
Bell, Herbert	Chem (SS)	119	* ↑ Springfield
Bell, Irene	LG (SS)	101½	* ↑ Champaign
Bell, James Charles	CL	31	* ↑ Joliet
Bell, Maurine Elizabeth	LAS	79	* ↑ Macomb
Bell, Mildred Adaline	Ed	64	* ↑ Mattoon
Bell, Paul Porter	Bus	54½	* ↑ Negaunee, Michigan
Bell, Sheldon Frearer	LAS	27	* ↑ Joliet
Bellamy, Edwin C	Agr		* ↑ Chicago
Bellingrath, Maude Eloise	LAS		* ↑ Little Rock, Arkansas
Belon, Fernando	Agr	31	* ↑ Arequipa, Peru
Belshaw, Florence Edith	HEAgr	32	* ↑ Champaign
Belshaw, Mabel Lucina	LAS (SS)	69	* ↑ Champaign
Belshe, Albert Thomas	CL	70	* ↑ Chicago
Belsley, Joe Peter	Chem		* ↑ Peoria
Belsley, Margaret Helen	LAS	33	* ↑ Peoria
Belt, Robert Kirkwood	ME		* ↑ Evanston
Belton, Oscar Covert	LAS	32	* ↑ Springfield
Bemis, Charles Harris, Jr.	SS		* ↑ Medford, Massachusetts
Benda, Francis James	Agr	72	* ↑ Chicago
Bender, Richard Earle	Bus	16	* ↑ Chicago
Bendle, Clarence Joseph	Accy	71	* ↑ Moline
Benedict, Athlene	Ed	62	* ↑ Oxford, Indiana
Benedict, Cecil Edward	Bus	62½	* ↑ Peconica
Benford, Bess Lee	SS		* ↑ Decatur
Benjamin, Milton Jacob	SS		* ↑ Chicago
Benjamin, Paul Kingsley	SS		* ↑ Normal
Benjamin, Roma Cyril	LAS		* ↑ Cleveland, Ohio
Benn, William Walf	AE		* ↑ Chicago
Bennett, Charles Donald	EE	72	* ↑ Orangeville
Bennett, Chester Wallace	LAS	36	* ↑ Urbana
Bennett, Gordon Thurman	EE		* ↑ Urbana
Bennett, Grendel Fenton	Law unc		* ↑ Marshall
Bennett, James Hallam	LAS	76	* ↑ Evanston
Bennett, John Lewis	LAS	66	* ↑ Evanston
Bennett, Joseph Clarence	LAS		* ↑ Indianapolis, Indiana
Bennett, Nina	LAS	30	* ↑ Benton
Bennett, Fred Dwight	Bus (SS)	86½	* ↑ Joliet
Bensema, Clarence E	PreM	50	* ↑ Danforth
Benson, Adolph Martin	SS		* ↑ Champaign
Benson, George Edward	Accy		* ↑ Clinton
Benson, Menzel A	Bus		* ↑ Canton
Benson, Walter Rudolph	Bus		* ↑ DeKalb
Bentley, Wilbur Thorp	Jnl unc (SS)	27	* ↑ Farmington, Michigan
Benton, Everett Luther	Bus		* ↑ Peoria
Benzeis, William J	Agr	28½	* ↑ Chicago
Benzing, Allan Sawyer	EE	129½	* ↑ Evanston
Berbaum, Kenneth August	Bus		* ↑ Champaign
Berchtold, William Edward	Jnl		* ↑ Chicago
Berek, Isabella Robina	Flor		* ↑ Oak Park
Berg, Otto Walter	PreL	71	* ↑ Crystal Lake
van den Berg, Daniel Jacobus	Agr	70	* ↑ Transvaal, South Africa
van den Berg, Oliver Wolcott	LAS	45	* ↑ Urbana
Bergdahl, David Theodore	Bus	30½	* ↑ Chicago
Bergen, John Howell	LG (SS)	48½	* ↑ Morris
Berger, Bernard	AE	60	* ↑ Chicago
Berger, Clifford Albert	Bus		* ↑ Clifton
Berger, Henry Kasper	Bus	99	* ↑ Murphysboro
Berger, Imry Irving	PreL		* ↑ Chicago
Bergman, Gale McKinley	Bus	86½	* ↑ DuQuoin
Bergman, Harold	AE		* ↑ Chicago
Bergmann, Alfred	Bus	57	* ↑ Oak Park
Bergmann, Otto Theofeld	Bank (SS)	105½	* ↑ Sparta, Wisconsin
Bergquist, Carl Frederick	CE	131	* ↑ Geneva

Bergstrom, Eric Victor	ME		† Chicago
Bergstrom, Samuel Herbert	ME		* † Chicago
Berkenfield, Roy K	PreL		* † Chicago
Berkowitz, Freda Eleanor	LAS (SS)	85	* † Mattoon
Berkowitz, Philip	Accy	68	* † Bayonne, New Jersey
Berkowitz, Ralph Albert	Law unc		* † Chicago
Berkson, Milton Bernard	Bus	13	* † Clinton
Berleman, Edward Lawrence	Agr	36	* † Chicago
Berleman, Laurence Francis	Agr		* † Chicago
Bernhard, Erwin Rupert	LAS		* † Champaign
Bernhardt, Irene Marguerite	HEAgr	100	* † Collinsville
Bernreuter, Herbert Alfonso	EE	117	* † Mt. Olive
Bernstein, De Vera Mary	Bus		* † Chicago
Bernstein, Madeline	HELAS	27	* † Chicago
Berry, Carl Wesley	LAS		* † Pawpaw
Berry, David Sam	PreL	15	* † Chicago
Berry, Louise	LAS	66	* † Oak Park
Bertalan, Edward	ME	115½	* † Edwardsville
Beshers, Martha L	LAS	86	* † El Paso
Besse, Helen Philippa	LAS	99½	* † Chicago
Best, Alma Emma	HELAS unc (SS)	10	* † Morrisonville
Best, Frances, A.B., 1921	Mus irr		* † Urbana
Best, Gladys May	SS	69	* † Nokomis
Best, Lillian Mildred	Jnl		* † Urbana
Best, Marion Virginia	LAS	69	* † Quincy
Best, William Frederick Gottlieb	SS	8½	* † Rosemond
Bestow, Charlotte	LAS		* † Urbana
Bestow, Fred Albert	Bus		* † Urbana
Bestow, Phoebe Lodisa	HELAS		* † Goff
Bettendorf, Francis Elmer	Accy	31½	* † St. Anne
Beverly, Hazel Lillian	Jnl		* † Elgin
Bevis, Mary Lucile	LAS (SS)	41	* † Urbana
Beyer, Lucy G	HEAgr	37	* † Danville
Beay, Pierre Albert	CHE		* † Highland Park
Bickel, Herbert George	Mus	110½	* † Bloomington
Bickel, John Jay	FC (SS)	65	* † Union City, Indiana
Bicknell, Edwin Francis	ME		* † Moline
Bidwell, Gladys Jane	Mus	34	* † Freeport
Biel, Louis Alfred	Bus	32	* † Chicago
Bierdemann, Richard Alfred	CL (SS)	65½	* † Chicago
Biersmith, Elizabeth Kathryn	LAS (SS)	72	* † Urbana
Biespiel, Leonard Samuel	Bus		* † Chicago
Bigelow, Mrs. Grace Bessie	LAS unc		* † Champaign
Bigelow, Royston Howe	Bus		* † Chicago
Biggs, Edward Ashbury	PreL		* † Chicago
Bigler, Vernon Christian	Bus		* † Sigel
Bilhorn, Clarence Paul	LAS	58	* † Chicago
Billierbeck, Ernst Raymond	SS	142½	* † Freeport
Billings, Percy Herbert	Bus	60	* † Woodstock
Bills, Edna Charlotte	LAS	73	* † Chicago
Bills, Robert Wesley	Agr	87	* † Sheffield
Bing, Adelaide Belle	LAS		* † Urbana
Binger, Gilbert Seip	SS	34½	* † Chicago
Bingham, Albert Young	EE		* † Evanston
Bingham, Delmar Steele	Bus		* † Bellflower
Bingham, Glen Arthur	SS	11½	* † Loveland, Colorado
Bingley, Charles Kolb	Agr	92	* † Chicago
Binkley, Violet Caroline	LAS	6½	* † Chicago
Binney, Adele Elizabeth	LAS		* † Chicago
Binney, Ralph V	Bank		* † Chicago
Binnington, Nora Louise	Agr	101	* † St. Louis, Missouri
Binns, Frank	SS	5	* † Hammononton, New Jersey
Binyon, Hugh Armstrong	LAS	34	* † Urbana
Birchard, Margaret Vera	HEAgr	26	* † Urbana
Birohett, Raymond Clarence	AE	90	* † Vicksburg, Mississippi
Bird, James Perry	SS	31½	* † Kansas City, Missouri
Birtwell, Galan R	Agr	46	* † Streator
Bishop, Chalmer	EE		* † Sycamore
Bishop, Esther Condit	SS	4½	* † Chicago
Bishop, Evangeline, A.B., 1923	SS		* † Bishop
Bishop, John Lester	PreM	31½	* † Chicago
Bishop, Mary Catherine	SS	6	* † Bishop
Bishop, Oren George	Bus	27	* † Bishop
Bishop, Samuel Dewey	SS	112½	* † Perry, Missouri
Bissell, Donald Adrian	IA	49½	* † Chicago
Bissell, Lura Dorothea	LAS	30	* † Chicago
Bitte, Richard Graham	IA		* † Woodhull
Bivin, Ella A	HELAS		* † Palmyra
Bixler, Rudy Baxter	Bus	111	* † Haubstadt, Indiana
Black, Bernard Standard	LAS		* † Macomb
Black, Cora Mildred	LAS	31	* † Chicago
Black, Dorothy Miller	SS	7	* † Little Rock, Arkansas
Black, James Hamilton	Bus		* † Champaign
Black, Karl Robert	AC		* † Rushville
Black, Luther Allen	Agr	98	* † Urbana
Black, Raymond Henderson	Bus	117	* † Rock Island

Black, Robert Wesley, Jr.	LAS	13½	* ↑ Chicago
Black, Vernon Laurence	Jnl	34	* ↑ Springfield
Blackard, Eva Mills	LAS		* ↑ Harrisburg
Blackburn, Minerva Frances	LAS		* ↑ Belvidere
Blackburn, Rachel	Ed	69	* ↑ Champaign
Blackburn, Robert Reid	LAS	27	* ↑ Wauconda
Blackburn, Ruth	Ed	66	* ↑ Champaign
Blackhall, Dorothy Marie	LAS	32	* ↑ Joliet
Blackinton, Lila Marie	LAS		* ↑ Roscos
Blackwell, Booker Taliaferro	Chem		* ↑ Metropolis
Blaine, Helen Louise	LAS	32	* ↑ Champaign
Blaine, Jesse L	SS	3	* ↑ Chicago
Blaine, Mirian	LAS		* ↑ Champaign
Blaine, Nelle G	Mis unc	18	* ↑ Champaign
Blair, Dorothy Myrtle	LAS		* ↑ Charleston
Blair, Francis Caton	Law (SS)	37½	* ↑ Springfield
Blair, Grace Margueritte	SS	16½	* ↑ Cartier
Blair, James Alden	MinE	78	* ↑ Chicago
Blair, Joseph Cullen, Jr.	EE		* ↑ Urbana
Blair, Livingston Lord	SS	4½	* ↑ Springfield
Blair, Robert Collyer	SS	64	* ↑ Urbana
Blaisdell, Frank Ray	Bus		* ↑ Champaign
Blake, Cecil Gerald	SS	8½	* ↑ Minnington, West Virginia
Blakely, Loy John	Agr	124	* ↑ Kilbourne
Blakesley, Gladys Adele	HELAS	96	* ↑ Kansas City, Missouri
Blalock, James Tillman	Law (SS)	32½	* ↑ Springfield
Bland, Earl	SS	8½	* ↑ Pattonburg, Missouri
Blandin, Ernest Wilbur	EE		* ↑ Peoria
Blane, John Propst	AC	69	* ↑ Greenview
Blankenship, Genevieve Castleman	LAS		* ↑ Springfield
Blasey, Frank Earl	SS	128½	* ↑ Tiskilwa
Blause, Israel Park	Eng unc		* ↑ Basil, Ohio
Blayne, Elizabeth	LAS		* ↑ Chicago
Blevins, Lusettie	LAS (SS)	119	* ↑ Atwater
Blewett, Walter James	Bus		* ↑ Chicago
Blickhan, Norbert Alais	SS	62	* ↑ Quincy
Bliss, Charles Evans	PreL		* ↑ Hillsboro
Bliss, Helen	HEAgr	80	* ↑ St. Louis, Missouri
Bliss, Raymond	Jnl		* ↑ Chicago
Blizard, Ruby Patricia	Bus	31	* ↑ Logansport, Indiana
Block, Cleopha Magdalena	LAS		* ↑ Ortonville, Minnesota
Block, Joe Abraham	Bus	38	* ↑ Kansas City, Missouri
Block, Lyllan Hilda	LAS	47	* ↑ Ortonville, Minnesota
Blocher, John Garry	Bus (SS)	73	* ↑ Dayton, Ohio
Blood, Edith G	HELAS	61	* ↑ Grayville
Blood, Martha Elizabeth	LAS	30	* ↑ Grayville
Bloom, Victor Herbert	LAS	26	* ↑ Berlin, Germany
Blount, Earle	MinE	35	* ↑ Oak Park
Bluhm, Harold Charles	LG	26	* ↑ Oak Park
Bhuh, John Henry	Bus (SS)	67	* ↑ Collinsville
Blumenfeld, Dorothy	LAS	30½	* ↑ Chicago
Bhunk, Clifford Luther	PreL	101½	* ↑ Virden
Blye, Eugene Norman	CE	34	* ↑ Chicago
Blythe, Telve Ruth	SS	90	* ↑ Gays
Boardman, David Caldwell	AC		* ↑ Hoopesston
Boberg, Irving Ernest	CE	108	* ↑ Chicago
Bobsin, William Henry, B.S., 1923	SS		* ↑ Chicago
Bodman, William Sereno	SS	122½	* ↑ Bement
Boeck, Alford Leslie	Bus		* ↑ Davenport, Iowa
Boegel, Charles Withrell	Bus		* ↑ Cedar Rapids, Iowa
Boehme, Charles Adolph, Jr.	SS	91½	* ↑ Rock Island
Boeker, Victor W	Cere	107	* ↑ Edwardsville
Boerup, Raymond Henry	Agr	26	* ↑ Centralia
Boettcher, Lucile Elizabeth	HELAS	29	* ↑ O'Fallon
Bogan, Naomi Roxanna	SS	8½	* ↑ Mt. Vernon
Bogart, Eleanor Walker	LAS		* ↑ Urbana
Bogart, Ellsworth Francis	Eng		* ↑ Downers Grove
Boggess, Estelle	SS		* ↑ Canton
Boggs, Norman	Bus	78	* ↑ St. Louis, Missouri
Bogue, Henry Benjamin	SS	8	* ↑ Champaign
Bogut, Katherine	LAS		* ↑ Harrisville
Bohon, Tom Kyle	Bus		* ↑ Decatur
Bohr, Roselle Margaret	LAS		* ↑ Chicago
Boice, Ada Lenore	SS	139	* ↑ Champaign
Boice, Edna Irene	HELAS	66	* ↑ Champaign
Bolen, Milford L	Bank	43	* ↑ Maroa
Bolender, William Adam	Bus	108	* ↑ Rockford
Boles, Marion Vivian	LAS	66	* ↑ Mt. Vernon
Bolger, Helen Lucille	Bus		* ↑ Woodstock
Bolinger, George Noel	IA	70	* ↑ Shelbyville
Boller, Ray Phillip	Bus	32	* ↑ Chicago
Boller, Walter Warren	ME		* ↑ Chicago
Bolles, Chester Olcott	Bus	52½	* ↑ Springfield
Bollinger, Loren Frank	Eng		* ↑ Des Plaines
Bollman, Ben Edward	Agr		* ↑ Rock Island
Bollman, Harry Thomas	LG	14½	* ↑ Springfield

Bond, Lewis Harry	CE	36	* † Chicago
Bond, Roger Moore, A.B., 1920	SS		* † Appleton, Wisconsin
Bone, Alfred Rufus, Jr.	Bus		* † Chicago
Boner, Bernice Anne	Jnl		* † Indianapolis, Indiana
Boner, Josephine Edith	Jnl	3	* † Raymondville, Texas
Bonfadini, Gerald	AC		* † Sopris, Colorado
Bonifield, Miriam	LAS	106	* † Decatur
Bonnell, Mildred	LAS		* † Harrisburg
Bonnen, Evelyn Gertrude	LAS	31	* † Urbana
Bonnet, James Herbert	EE	36	* † Strasburg
Book, Helene	LAS		* † Huntington, Indiana
Bookout, Cleon Dewey	SS		* † Losantville, Indiana
Boot, George William, Jr.	REE	76½	* † Evanston
Booth, Alexander MacClure	IA		* † Springfield
Booth, Jessie Louise	LAS		* † Winnetka
Booth, Robert Webster	SS	84½	* † Chicago
Bopp, Clarence Ernest	IA	138	* † Decatur
Bopp, Florence Elizabeth	LAS		* † Decatur
Bopp, Harold Franklin	CerE	98	* † Dundee
Borchart, Eugene Geng	Bus		* † Dundee
Borchardt, Evelyn	LAS		* † Oak Park
Borden, Harold Marshall	EE		* † Fall River, Massachusetts
Borden, Seymour Shaw	Bus		* † Chicago
Bordner, Russell Monroe	Bus	100	* † Freeport
Boren, Clinton Ralph	PreM		* † Cartersville
Boren, Julian	ME		* † Urbana
Borgeson, Carl Andy	EE	72	* † Rockford
Borgfeldt, Lillian Lucille	Ed	103	* † Wilmette
Borglum, Wendell	Bus		* † Maywood
Borgmeier, Paul John	Bus	65	* † Bicknell, Indiana
Boris, Edward Affons	Eng	70	* † Chicago
Boris, Henry Langdon John	EE	110½	* † Chicago
Borklund, Carl Ernest	Jnl	32	* † Aledo
Borland, Harold Robert	Bus		* † Chicago
Borleske, Stanley Evans	SS	9	* † Fargo, North Dakota
Borling, Edward Gustaf	IA		* † Chicago
Borling, John Raymond	IA	33	* † Chicago
Born, Wilbur Leo	Agr (SS)	63½	* † Cerro Gordo
Borrer, Charles Donald	MinE unc (SS)	24	* † Rossville
Borrer, Bernice Dollie	HEAgr	32	* † Rossville
Borst, George Erasmus	ME		* † Chicago
Boruski, Alfred Felix	AC		* † Chicago
Boseley, Harry Robinson	CE	36	* † Oak Park
Boshell, Edward Owen	Law		* † Melvin
Bosi, Mary Christine	SS	8	* † Granville
Bossart, Raymond Edgar	Bus		* † Buckley
Bostic, Albert Cecil	SS	6	* † Tuscola
Boetwick, Dorothy	SS	6	* † Centralia
Boswell, Clay Stephen	PreM		* † Washington Park
Bosworth, Irma Lorraine	LAS	26	* † East St. Louis
Bosworth, Alfred Wellington	PreL	33	* † Chicago
Boteler, Gladys Overton	Ed	60	* † Chicago
Bothwell, Robert Ord	Agr (SS)	84½	* † Warren
Bots, Andrew	Accy	64	* † Argo
Boughton, Ivan Bertrand	LAS		* † Columbus, Ohio
Boughton, Mrs. Juliette B	LAS	102	* † Urbana
Bourgeois, Marguerite Louise	HELAS	65½	* † La Grange
Bousquet, Euclid Wilfred	IA unc	66	* † Champaign
Bouzek, Edwin Anthony	PreM		* † Chicago
Bowditch, Laurence Joseph	ME	112	* † Urbana
Bowen, Bernard William	LAS		* † Champaign
Bowen, Clarence Robinson	IA	115	* † Chicago
Bowen, Clarence William	Bus (SS)	114	* † Urbana
Bowen, Harold N	LAS (SS)	46½	* † Urbana
Bowen, James Burrell	Bus		* † Galesburg
Bower, David Robert	Bus		* † Tolono
Bower, Marguerite Ruth	LAS		* † Champaign
Bower, Oliver Kenneth	LAS	106	* † Champaign
Bowers, Carroll Bryant	Bus		* † Western Springs
Bowlin, Francis Kelshaw	Accy		* † Chicago
Bowly, Devereux Leslie	Bus	112½	* † Winchester, Virginia
Bowman, James Arthur, Jr.	Bus	68	* † Little Rock, Arkansas
Bowman, John Stanley	SS	143½	* † Rockford
Bown, Richard Basel Crese	CL		* † Canton
Bowyer, Elson Gordon	Bus unc		* † Owen, Indiana
Boyce, Alberta Caroline	HELAS	93½	* † Tuscola
Boyce, Lawrence Kepler	Bus		* † Chicago
Boyce, Paul Roosevelt	ME	72	* † Chicago
Boyd, Collin Jerry	AC		* † Anna
Boyd, James Aubrey	AE	72	* † Little Rock, Arkansas
Boyd, James H., Jr.	Agr	63	* † Galva
Boyd, John Richard	PreM	30	* † Coulterville
Boyd, John William	Law		* † Lewistown
Boyd, Orby Cecil	Eng	108	* † Aurora
Boyd, Paul Vere	LG (SS)	69½	* † Paris
Boyd, Robert Kenneth	LAS		* † Harrey

Boyer, Charles Allen	<i>Agr</i>	62	* † Paris
Boylan, Hortense Elaine, A.B., 1919	<i>Lib</i>		† Edmond, Oklahoma
Boyle, Frances Elizabeth	<i>HELAS</i>		* † Hennepin
Boyle, Helen Dorothy	<i>HEAgr</i>		* † Urbana
Boyle, Helen Marguerite, A.B., 1924	<i>Lib</i>		* † Kentland, Indiana
Boyle, John Kenneth	<i>Bus</i>	100	* † Urbana
Boyle, Marie Agatha, A.B., 1923	<i>SS</i>		* † Urbana
Boyle, John Thompson	<i>Bus</i>		* † Chicago
Boynton, C Rodney	<i>Bus</i>		* † Vermont
Boynton, Gail	<i>SS</i>	18	* † Iuka
Boynton, Henry Bradley	<i>AE</i>	100	* † Amelia, Virginia
Boynton, Mary Elizabeth	<i>HELAS</i>	64	* † Sycamore
Boysen, Mildred Nora	<i>Mus</i>		* † Chicago
Brack, Wallace Roy	<i>LAS</i>		* † Fairfield
Bradbury, Joseph Eames	<i>Bus</i>		* † Riverside
Braden, Edward Fleming	<i>Law</i>		* † Walseka
Braden, Helen Marie	<i>LAS</i>	112	* † Terre Haute, Indiana
Bradley, Carol	<i>Ed (SS)</i>	121½	* † Hume
Bradley, Helen Gladys	<i>LAS</i>	41	* † Champaign
Bradley, Martha Elizabeth	<i>Mus</i>	67	* † Champaign
Bradshaw, Booker Talmadge	<i>Bus</i>	66	* † St. Louis, Missouri
Bradshaw, Kenneth Earle	<i>PreM</i>	26	* † Murphysboro
Bradt, Charles Willard	<i>Bank</i>	43	* † DeKalb
Brady, Dorothy Aldaus	<i>Ed (SS)</i>	67	* † Chicago
Brady, Edward Bart	<i>EE</i>	74	* † Balboa, Canal Zone
Brady, Ralph Waldo	<i>REE</i>	120½	* † Windsor
Brady, Ruth Emily	<i>SS</i>	130	* † Chicago
Brady, Zoe Elma	<i>LAS</i>	99	* † Chicago
Brainerd, Robert Sabin	<i>AE</i>		* † Rock Falls
Brakensiek, Irvin Lloyd	<i>Agr</i>		* † Camp Point
Braker, Elmer John Augustus	<i>EE</i>	32	* † Pleasant Plains
Bramble, Byron Eugene	<i>Bus</i>	69	* † Champaign
Brame, Wilbur Carl	<i>Accy</i>	96	* † LeRoy
Bramlet, Robert Quincy	<i>Bus</i>	22	* † Harrisburg
Bramscheiner, Harry Arthur	<i>Bus (SS)</i>	48	* † Champaign
Branan, Farris Farone, Jr.	<i>Jnl unc</i>		* † Memphis, Tennessee
Branch, Clarendon Oliver	<i>Bus</i>	94	* † Rochelle
Branch, William Lyman	<i>EE</i>	31	* † White Heath
Brandenberger, Arthur Russell	<i>PreM</i>	62	* † Danville
Brandenberger, Florence Ruth	<i>SS</i>	7½	* † Danville
Brandon, Lorimer	<i>PreM</i>		* † Carbondale
Brandt, Henrietta K	<i>SS</i>		* † Carmi
Brandt, Herman Peter Henry	<i>PreM</i>		* † Gibson City
Branham, Mary Elizabeth	<i>SS</i>	8½	* † Hutsonville
Brannon, Richard Edgar	<i>Bus</i>		* † Evanston
Brannon, Ruth	<i>LAS (SS)</i>	105	* † Albion
Bransby, Ralph Herbert	<i>EE</i>		* † Woodstock
Bransfield, Mary Ellen	<i>LAS</i>	100	* † Chicago
Brashears, Maxine Gertrude	<i>LAS</i>		* † Peotone
Bratcher, Orville Lee	<i>Bank</i>		* † Colfax
Bratton, Edward Samuel	<i>RA</i>	21	* † Palestine
Brauer, John August	<i>IA</i>		* † Red Bud
Braun, Carl C	<i>ME</i>		* † Joliet
Braun, Fritz	<i>Bus</i>		* † Chicago
Brauner, Ernest Richard	<i>CerE</i>	67	* † Chicago
Bray, Eugene Carter	<i>CE</i>	32½	* † Rockford
Brazee, Wilmont Leon	<i>REE</i>	73	* † Chicago
Braznell, Edward Eber, Jr.	<i>Eng</i>	36	* † Buffalo, New York
Bredehoff, Dorothy Eleanor	<i>LAS</i>		* † Danville
Bredemier, Pauline	<i>Bus</i>		* † Chicago
Bredenbeck, Frederick William	<i>Bus</i>	64	* † Melrose Park
Breed, Edmund Niles	<i>Agr</i>	6	* † Canton
Breen, James Patrick	<i>CerE (SS)</i>	8	* † Lawrenceville
Bremer, Edwin	<i>MinE</i>	69	* † Buffalo, New York
Bremer, William Lester	<i>Bus</i>	45	* † DePue
Brennan, James Edward	<i>IA</i>	70	* † Streator
Brennan, Virginia Terril	<i>LAS</i>		* † Urbana
Brenneman, Theodore Jacob	<i>ME</i>	24	* † Peru
Brenneman, Wayne William	<i>Ed (SS)</i>	21	* † Cerro Gordo
Bressee, Howard Russell	<i>LAS</i>	60½	* † Urbana
Bressee, Louise Sara	<i>LAS</i>		* † Urbana
Brewer, Cynthia Elizabeth	<i>HELAS</i>		* † Stonefort
Brewer, Horace L	<i>AE</i>	20½	* † Peoria
Brewer, Leon David	<i>EE (SS)</i>	73½	* † Philo
Brewster, Lena Pauline	<i>LAS</i>	66	* † Pine Bluff, Arkansas
Brewster, Walter Herbert	<i>SS</i>	29½	* † Urbana
Brey, Elmer Lewis	<i>LAS</i>	34	* † Dundee
Brey, Mildred Marie	<i>LAS</i>	97½	* † Dundee
Brian, Lucia Beatrice	<i>Ed</i>	67½	* † Vincennes, Indiana
Brian, Jacob Kermit	<i>IA</i>		* † Urbana
Bridgegroom, Paul Lough	<i>LAS</i>	73½	* † Leisters Ford, Indiana
Briggs, Frances Agnes	<i>LAS</i>	35	* † Metamora
Briggs, Virgil Thomas	<i>KA (SS)</i>	36½	* † Orangeville
Bright, Helen Margaret	<i>LAS</i>		* † Boswell, Indiana
Brill, Harold Meyer	<i>IA</i>	68	* † Peoria
Brink, James Ferdinand	<i>EE</i>		* † Woodstock

Brink, Millard Charles	ME	84	* † Woodstock
Brinton, Jane	LAS	65	* † East St. Louis
Brissenden, Harold Caldwell	Eng		* † Chicago
Brissenden, Walter Fred	Bus	20	* † Chicago
Brittain, Alice Julia	LAS	65	* † Quincy
Brittan, Gordon Goodhue	LAS	16	* † Chicago
Britton, Earl Tanner	AC (SS)	36	* † Elgin
Britton, Ethel Marie	LAS		* † Urbana
Britton, Harry Bell	CE	106½	* † Sesser
Broadbear, Grace Mary	Bus	32	* † Waukegan
Brock, Donald LeRoy	Accy		* † Goodwine
Brock, John Howard	Agr	69	* † Kankakee
Broderick, Aubry E.	Chem	78	* † Liberty
Broderick, James Richard	EE	37	* † East St. Louis
Broderick, Thomas Abdon	AE	36	* † Morris
Brodie, Julius	SHAEd	102	* † Baltimore, Maryland
Bromm, Oscar Genpel	Bus		* † Evansville, Indiana
Bronski, Chester Russell	EE	111½	* † Chicago
Bronson, Gerald Newbery	Bus		* † Kirklint, Indiana
Brook, Gail Mildred	LAS	32	* † Stronghurst
Brooke, Charles Toan	LAS	32	* † Plymouth, Indiana
Brooke, Donald Fearer	Bus		* † Oregon
Brookman, Lester George	Bus		* † Cedar Rapids, Iowa
Brooks, Clyde Montgomery	Bus	60½	* † Carbondale
Brooks, Edith, A.B., 1920	Ed irr		* † Urbana
Brooks, Eron Bennett	RCE	91	* † Urbana
Brooks, Frona Marguerite	LAS	30½	* † Urbana
Brooks, James Oliver	Accy	79½	* † Wilmette
Brooks, John Lee	SS	7½	* † Dallas, Texas
Brooks, Margaret Elizabeth	LAS	61	* † Chicago
Brooks, Roosevelt	PreM	33½	* † Chicago
Broom, William Lewis	SS	39½	* † Effingham
Brosman, Paul Williams	Law	67	* † Albion
Brothen, Hans Otto	Bus	70	* † Chicago
Brough, Miriam Dode	Jnl		* † Chicago
Brown, Alice Knox	LAS unc	25½	* † Gillespie
Brown, Alto William	PreL	24	* † Plymouth, Ohio
Brown, Bernice Jeannette	SS	73	* † Varna
Brown, Bonnar	LAS	63	* † Winnetka
Brown, Cecil David	SS	102	* † Harriestown
Brown, Charles Addison	Bus	35	* † Cissena Park
Brown, Chelsea Elmore	Accy	40	* † Fort Wayne, Indiana
Brown, Constant	Bus	97	* † Geneseo
Brown, Daniel Lewis	Agr		* † Delavan
Brown, Edgar O.	SS		* † Athens, Tennessee
Brown, Elmer Burtwell	FC (SS)	81	* † Canton
Brown, Mrs. Esther Longstreth	HELAS unc		* † Urbana
Brown, Everett Anson	LAS	55	* † Naperville
Brown, Florence Alice	LAS	38	* † Chicago
Brown, Frank Olney	Bus	64	* † Wilmette
Brown, Gilbert William	Agr	104	* † Geneseo
Brown, Gladys May	LAS	97	* † Oak Park
Brown, Harry Truman	Bus		* † DuQuoin
Brown, Howard Elsworth, B.S., 1923	SS		* † Vermont
Brown, Jane Louise	LAS	28	* † Kokomo, Indiana
Brown, John Columbus	Bus	32	* † Herrin
Brown, Juanita Ann	LAS		* † Champaign
Brown, Kenneth Robb	Law (SS)		* † Rock Falls
Brown, Louise Grace	LAS	12	* † Chicago
Brown, Louise Miriam	LAS (SS)	102½	* † Urbana
Brown, Lydia Mae	LAS		* † Urbana
Brown, Lyle Rebecca	LAS	83	* † Mokence
Brown, Margaret Pearl	LAS	64	* † Dwight
Brown, Marion Edward	EE		* † Newman
Brown, Martha Marie	LAS		* † Mattoon
Brown, Morris, B.S., 1923	SS		* † Sparta
Brown, Orville Horace	PreM	67½	* † Pocahontas
Brown, Ralph David	SS	7½	* † Elgin
Brown, Ralph Edwin	ME (SS)	69½	* † Oak Park
Brown, Ralph Eugene	Bus (SS)	46	* † Sparta
Brown, Robert Gerald	FC	68	* † Haydenville, Massachusetts
Brown, Robert Roswell	SS	½	* † Chicago
Brown, Roscoe Irving	SS	7	* † Oklahoma City, Oklahoma
Brown, Roy Rivers	EE	81	* † Chicago
Brown, Tempel Gladys	LAS	56	* † Leon, Iowa
Brown, Vernon Matthew	ChE		* † Champaign
Brown, Virginia Louise	LAS	68	* † Benton
Brown, Wallace Eaton	Bus	21	* † Varna
Brown, Warren Yates	CL	32	* † Anna
Brown, William Robins	Bus	56½	* † Kansas City, Missouri
Brown, Zena	LAS	66	* † Chicago
Brownback, Glen Read	Agr	28	* † Tower Hill
Browne, Robert Lee	SS	8	* † Natchitoches, Louisiana
Brownell, Dean Glenn	AC	62	* † Champaign
Brownfield, Lelah, A.B., 1910	SS		* † Urbana
Browning, Levi Martin	PreM	17	* † Benton



Brownlee, John James	GE	37	* † Chicago
Brownstein, Henry Joseph	ChE	105½	* † Chicago
Brubaker, Harold S	SS	4	* † Portland, Indiana
Bruce, Albert White	ME	73	* † Oak Park
Bruce, Robert Erwin	Bus		* † Oak Park
Bruce, Russell Rolland	Bus	25	* † San Benito, Texas
Bruce, William Abbey	Bus		* † Oak Park
Bruhn, Esther Kathryn	LAS		* † Urbana
Bruington, George Hall	Ag	100½	* † Cameron
Brumbaugh, Louise Alice	LAS	33	* † Fort Wayne, Indiana
Brummett, Ray DeWitt	SS	29	* † Murphysboro
Brune, Basel Harry	Bus	29	* † Champaign
Bruner, Allen Maxwell	SS	75	* † Palestine
Bruner, Ruth	LAS		* † Urbana
Brunkow, William Henry	ME	109	* † Dubuque, Iowa
Brunn, Fred William	CE	44	* † Kansas City, Missouri
Bruso, Edgar Bradford	Eng	54	* † Decatur
Bryan, Malcolm Honore	LAS (SS)	119	* † Champaign
Bryan, Mildred Murray	Jnl	99	* † Champaign
Bryant, Grace Alice	LAS	31	* † Oak Park
Buchanan, Donald Partridge	MinE	85	* † Highland Park
Buchanan, Harold Chester	AC		* † St. Elmo
Buchanan, Lloyd Jory	LG	131	* † Whiting, Indiana
Buchanan, Mamie Alice	HEAgr	61½	* † Kewanee
Buchanan, Zenana	LAS	60	* † Terre Haute, Indiana
Buchell, Charles Thomas	MSE		* † Danville
Bucher, Franklin William	LAS		* † Madison
Buck, Harold Millard	Ag	64	* † Monica
Buck, Margaret Ellen	LAS		* † Toledo, Ohio
Buck, Mary Louise	HEAgr	29	* † Toledo, Ohio
Buckardt, Henry Lloyd	Ag	54	* † Leland
Buckley, Edgar A	AC	19	* † Sheldon
Buddeke, Mary Louise	LAS		* † Peru
Buddeke, V Frank	EE	109	* † Peru
Budelier, Harry Edward	Eng	92½	* † Rock Island
Budenbender, Henry William	ME	109	* † Cicero
Bueche, Arthur Henry	AC	77½	* † Elgin
Bueche, George Victor	Bus	67	* † Elgin
Buehler, Robert Owen	LAS	30	* † Chicago
Buehrig, Donald Frederick	Bus	66	* † Mason City
Buelow, Frederick George	LAS	31	* † Menominee, Michigan
Bueschel, Andrew Louis	PreM (SS)	24	* † Chicago
Buescher, Mrs. Olga	LAS		* † Edwardsport, Indiana
Buescher, Walter Henry	Accy	48	* † Freelandville, Indiana
Bugayong, Anacleto Natividad	Bus (SS)	7	* † Pangasinan, Philippine Islands
Buhner, Carl John	Bus		* † Seymour, Indiana
Buhner, Martin Rudolph	Bus		* † Seymour, Indiana
Buhrmester, Catherine C	SS	130	* † Nashville
Buky, Fannie	PreM	56	* † Chicago
Bullard, Charles Norman	AE		* † Urbana
Bullard, Frances Lillian	LAS		* † Urbana
Bullis, Joy Miller	Bus	29	* † Topeka, Kansas
Bullman, Theodore	Ag	69	* † Alexis
Bullman, William	Ag		* † Alexis
Bullock, Lucile Salisbury, A.B., 1923	HELAS (SS) irr		* † Tonica
Bulow, Edith Cora	Bus		* † Chicago
Bulow, Wilma Ernestine	LAS	67	* † Chicago
Bumstead, Marian Loeb	LAS	30	* † Monticello
Bundy, Orvill Uey	Eng		* † Windsor
Bunge, Gordon C	Law	35	* † Maywood
Bunnell, Ethel Adella	HEAgr		* † Augusta
Bunney, William Edward	SS	7½	* † Belfrey, Montana
Bunting, James David	Bus	53	* † Albion
Bunting, Robert William	SS	½	* † Mt. Erie
Bunting, William Lyman	EE	91	* † St. Joseph, Missouri
Burch, Lawrence Arthur	ME	136	* † Momence
Burcham, Joseph Morton	CL		* † Tulsa, Oklahoma
Burchell, Leland Crowl	Bus (SS)	30	* † Erie
Burcky, Andrew C	SS	111½	* † Tiskilwa
Burger, Jerome	IA	18	* † Youngstown, Ohio
Burgess, George William	IA		* † Rock Island
Burhaus, Leon Duane	SS	4	* † Lansing, Michigan
Burke, Edmund	PreL		* † Springfield
Burke, Elmer Daniel	AC	108	* † Champaign
Burke, Eugene Irving, Jr.	Bus		* † Champaign
Burke, Josephine Marie	LAS		* † Chicago
Burke, Richard Brown	Bus	60	* † Dwight
Burleson, Edward Albert Lee	Bus		* † Champaign
Burley, Ruth Elizabeth	LAS	39	* † LaGrange
Burmeister, Bernice Baird	Ed (SS)	82	* † Morris
Burnell, Edwin	RA (SS)	63	* † Spring Valley
Burnell, Sister Seraphine	SS	11½	* † Bayonne, New Jersey
Burner, Jarvis Burr	Ag	117½	* † Peoria
Burnett, Fauneil Bernice	LAS	3	* † Champaign
Burnett, Oliver Forrest, Jr.	EE	55	* † Maywood
Burnham, Grace Isabelle	LAS	31	* † Chicago

Burnier, Mary Louise	LAS (SS)	37	* † Urbana
Burns, Dorothy Mae	LAS		* † New Castle
Burns, Grace Winifred	LAS (SS)	32	* † Hamilton
Burns, James Jerome	CE		* † Chicago
Burns, Margaret King	LAS		* † Greenfield
Burns, Randall Essex	LAS	103	* † Hinsdale
Burns, Robert Joseph	PreM	5	* † Freeport
Burns, Robert Nelson	Bus		* † Chicago
Burnworth, Louis Orville	Agr		* † Indianola
Burpo, Vernalee	LAS		* † Urbana
Burr, Arthur Nathan	Bus		* † Champaign
Burr, Margaret	LAS	62	* † Bloomington
Burrell, Clarence Robert	IA		* † Indiana Harbor, Indiana
Burrell, Kenneth Michael	LAS	34	* † Tiskilwa
Burres, Joseph Reuben	LAS	45	* † Tuscola
Burris, Joseph Gorman	LAS	119½	* † Newcastle, Indiana
Burris, Quincy Guy	LAS	113	* † Danville
Burroughs, Arthur Ladd	Agr		* † Chemung
Burroughs, Josephine Arnold	LAS	15	* † Chicago
Burroughs, Leland Clare	CerE	53	* † Wood River
Burrows, Dorothy	LAS		* † Urbana
Burstein, Hymen Jack	PreM	29	* † Decatur
Burster, Otto George William	Bus	26	* † El Paso
Burt, Brian Parker	MinE	37½	* † Kenney
Burt, Leonora Dunlap	LAS	27	* † Savoy
Burt, Pauline Dorothy	HEAgr	31	* † Urbana
Burtner, Elizabeth	LAS		* † Wilmette
Burton, Carlos F	LAS		* † Urbana
Burton, Christine	HEAgr		* † McLean
Burton, Margaret Ellen	Jnl		* † Kokomo, Indiana
Busbey, Joe Henry	Buc		* † Tuscola
Busbey, Laucine C	Bus	28	* † Sparta
Bushy, Lois	LAS	60	* † Fairmount
Busch, Ermina Elizabeth	LAS		* † Decatur
Busch, Lois Eleanor	LAS	28	* † Champaign
Bushman, Alfred August	SS	8½	* † Warrenton, Missouri
Busenbark, Alfreda Margaret	LAS	49	* † Chicago
Busey, Catherine Mary	Mus unc	4	* † Champaign
Busey, Donald Richard	Bus		* † Urbana
Bush, Della Mae	HELAS	118	* † Clinton
Bush, Franklin H	Bus	122	* † Joliet
Bush, Mildred	SS		* † Peoria
Bush, Ralph Royal	ME	129½	* † Champaign
Bushnell, Donald Henderson	CE	36	* † Quincy
Bushnell, Glenna Marie	LAS		* † Chicago
Bussard, Mary Opal	Mus Ed	60	* † Toledo
Bussart, James Everett	Agr	31	* † Paris
Bussart, Ora Ivan	Jnl (SS)	108	* † Paris
Bussey, Charles Ben	AC	40	* † Tyndall, South Dakota
Bussian, Marie Antoinette	Bus	99	* † Chicago
Butler, Eugene Kincaid	LAS	31	* † Chicago
Butler, Everett Hill	Law		* † Hillsboro
Butler, Ruth Eliot	HEAgr	128	* † Champaign
Butler, Seta	HELAS	42	* † Memphis, Tennessee
Butler, Wilbern Thomas	EE		* † Eldorado
Butler, William Elliott	EPh	11	* † Chickasha, Oklahoma
Butner, Bonnie	LAS	60	* † Harrisburg
Butner, Wendell Boise	PreM	48½	* † Harrisburg
Butte, Mrs. Bowlus Marie	MusEd	102	* † Urbana
Butterbaugh, Homer Wolf	SS	163½	* † Lanark
Butterfield, Frederick Fayette	PU	33	* † Libertyville
Butterfield, Paul Kenyon	AC	53	* † Birmingham, Michigan
Butters, Howard Erb	MinE	71	* † Chicago
Button, Gordon	SS	7½	* † New Lenox
Butzow, George Martin	AE		* † Sycamore
Byerley, Jacob Roy	SS	43	* † St. Joseph
Byers, Erma Irene	LAS unc		* † Kansas City, Missouri
Byers, John Earl	LAS	28	* † Robinson
Byrd, Clifton Lauchlin	SS	6	* † Port Arthur, Texas
Byrne, Floyd Allen	Agr unc	45½	* † Saunemin
Byrne, Frankie Helen	LAS	61	* † Indianapolis, Indiana
Byrne, Harold	AC		* † Saunemin
Byrnes, Charles Theodore	SS		* † Monroe, Wisconsin
Byrns, James M	Agr		* † Mt. Sterling
Cackley, Claibourne T	Bus	13	* † Clinton
Cadaval, Alejandro Gonzalez	MinE	138	* † Durango, Mexico
Cadaval, Alfonso Gonzalez	CE	106½	* † Durango, Mexico
Cade, Franklin David	LAS		* † Urbana
Cadenhead, George Lorimer	ME	125	* † Winnetka
Cadewallader, Alice	LAS		* † Chicago
Cadwell, Charles Stewart	SS	129	* † LaGrange
Cady, George Johnson	SS		* † Boonville, Indiana
Cain, Con Rice	SS	76½	* † Rantoul
Cain, Joseph Ignatius	ME	113	* † Rock Island
Cain, Margaret	SS		* † Champaign
Cain, Victor Manning	IA		* † Champaign

Cain, Vivian Catherine	SS	5	Champaign
Cain, Walter David	MSE	51	* † Chicago
Caine, Alfred Berger	AC	36	* † Nunda, New York
Caldwell, Cloyd Transoe	Accy	73	* † New Brighton, Pennsylvania
Caldwell, Raymond Lawson	Apr		* † Bridgeport
Calisterio, Mariano	Bus	46	* † Philippine Islands
Calkins, Fred Stone	Bus		* † Joliet
Calkins, Frederick Theodore	AE	22	* † Chicago
Call, Merner Bennett	AC		* † Alvin
Callen, Robert John	EE	73	* † Collinsville
Calvert, Mills La Mott	CE	107	* † Lawrenceville
Calvetti, Theresa Louise	LAS	48	* † Rutland
Calvin, Lowell Spence	Jnl		* † Berwyn
Cameron, Allan Marshall	ME	51½	* † Chicago
Cameron, Edmund Francis, B.S., 1923	SS		* † Dundee
Cameron, John Donald	Bus unc		* † Wilmette
Camp, Mildred, A.B., 1912	Lib	32	* † Harriestown
Campbell, Eugene Shuey	Bus	121	* † Tuscola
Campbell, Gaylord Martin	SS		* † Union, Iowa
Campbell, George Adam	Bus	43	* † Jasonville, Indiana
Campbell, Gladys Evelyn	SS	97	* † Oklahoma City, Oklahoma
Campbell, Jeanne Adeline	LAS	70½	* † Pocatonia
Campbell, John Goode	ChE		* † Wood River
Campbell, Newell Frank	FC	69	* † Valparaiso, Indiana
Campbell, Ralph Edward	EE	61	* † Kansas City, Missouri
Campbell, Ralph Elbridge	Bus	66	* † Grand Ridge
Campbell, Ralph L	Bus	32	* † Canton
Campbell, Ronald Kenneth	LAS	105	* † Hubbard Woods
Canada, Anna Alice	Ed	96½	* † Jamestown, Indiana
Cannon, Clarence Ray	AC	32	* † DeKalb
Cannon, Robert Simpson	EE	34	* † Little Rock, Arkansas
Canter, Mrs. Edna Maloy	LAS	80	* † Champaign
Canter, Howard Vernon, Jr.	LAS	36	* † Champaign
Cantrell, Helen Naomi	LAS	49	* † Danville
Capel, Cathryne	LAS	60	* † Harrisburg
Capel, James Lewis	PreL		* † Champaign
Caplin, Victor	LAS (SS)	92½	* † Chicago
Capouch, Ruth Evelyn	LAS		* † Oak Park
Carbon, Frank Joseph	Bus		* † Melrose Park
Carcoran, Joseph	SS	8	* † Lockport
Card, Hamilton Hye	LAS unc	30	* † Fillmore
Cardiff, Marguerite Irene	HELAS	33	* † Hoopston
Carey, Cecilia	LAS	98	* † Joliet
Carey, Genevieve Harriet	LAS	34½	* † McHenry
Carhart, John Chalmers	CerE	32	* † Wayne, Nebraska
Carhart, Ralph Miller	Bus (SS)	112½	* † Wayne, Nebraska
Carl, Emmons Perry	Law		* † Rockford
Carl, Lawrence Andrew	Bus	26	* † Muskegon Heights, Michigan
Carlock, Harry Charles	Bus	29	* † Carlock
Carlock, Margaret Louise	LAS	100	* † Urbana
Carlock, Marion Francis	ME		* † Champaign
Carlsen, Dwight Allan	Bus	98	* † Chicago
Carlsen, Maurice A	SS	95½	* † Albert Lea, Minnesota
Carlson, Ambrose Irenius	Bus	106	* † Chicago
Carlson, Carl Eugene	CE		* † Chicago
Carlson, Charles Leroy	AC		* † Woodhull
Carlson, Harry Gustavus	Law	18	* † Urbana
Carlson, Robert B	LAS		* † Chicago
Carlson, Solomon Wilhelm	CE	83	* † Batavia
Carlstein, Martin Golden	CL		* † Chicago
Carlyle, Glenn Wilson	EE (SS)	108	* † Albion
Carman, Alice	Bus		* † Urbana
Carman, Florence Glee	HELAS		* † Buckley
Carman, Lois, A.B., 1923	SS		* † Urbana
Carmichael, Erdys Lucile	LAS (SS)	70½	* † Urbana
Carnes, Arthur Harman	LG		* † Chicago
Carney, Agnes Mary	LAS	101	* † Joliet
Carnright, Herbert William	Bus	30	* † Evanston
Carpenter, Clarence Dale	Accy	63	* † Dahlgren
Carpenter, Fred James	Bus	32	* † St. Louis, Missouri
Carpenter, Kenneth Duncan	Bus	43	* † Ashtabula, Ohio
Carpenter, Lela Belle	Ed (SS)	87½	* † Thomson
Carpenter, Paul Foushee	Bus	66	* † Stroud, Oklahoma
Carpenter, Robert Charles	Flor	67	* † Champaign
Carpenter, Willard Chipman	Accy	99½	* † St. Louis, Missouri
Carqueville, Marshall Tatum	LAS	79	* † Highland Park
Carr, Herman John Edward	PreM	30	* † Cicero
Carr, Horace Lynn	AE	148	* † Fulton, Missouri
Carr, Warren Jonas	Bus	66	* † Aurora
Carr, Wilton Andrew	Law	29	* † Greenup
Carroll, Chester Claude	Accy	32½	* † Greenup
Carroll, Charles, B.S., 1920	Law	61	* † Shawneetown
Carroll, Gladys Viola	LAS	97	* † Salem
Carroll, Lola Pearl	LAS	32	* † Riverside
Carrothers, William Gaylord	FC	81	* † Kansas City, Missouri
Carson, John Gordon	Bus		* † Clarence

Carson, John Kemp	Bus	20	* Urbana
Carson, Raymond Clark	Law	9	* Urbana
Carson, Robert	MSE		* † Danville
Carson, Ruth Alyne	LAS		* Geary, Oklahoma
Carswell, James	SS	64	* Evanston
Carswell, Marjorie Jane	HELAS		* † Rochester
Cartan, Henry	CerE		* † Sausalito, California
Carter, Alfred Joseph	SS	2%	* New York, New York
Carter, Anna Elizabeth	LAS	36	* † Thawville
Carter, Beatrice Mae	LAS	31	* † Berwyn
Carter, Dale E	Bus	92	* † Tulsa, Oklahoma
Carter, Fern Ella	LAS	71½	* † Thawville
Carter, George Deneen	Agr	17	* † Centralia
Carter, Lindley Lee	Agr	143	* † Greenfield, Ohio
Carter, Rudelle	LAS		* † Danville
Cartinhour, Gaines Thomson	Bus (SS)	98	* † Indianapolis, Indiana
Cartwright, Clarence Earl	SS	7	* † New Harmony, Indiana
Cartwright, Mildred Margaret	LAS	97	* East Moline
Carty, Evelyn Audrey	LAS	60	* † Murphysboro
Carver, Everett Willard	Bus	71	* † Canton
Casanas, Eileen	LAS	83	* † New Orleans, Louisiana
Casberg, Mrs. Bertha	LAS		* † Champaign
Casey, Daniel Joachim	CE	132	* † Chicago
Caskey, George Brown	IA		* † Sterling
Caskey, James Stillman	EE		* † Chicago Heights
Casper, Ruby Edith	Ed	60	* † Vienna
Cass, Cecil Lee	LAS	32	* † Ohio
Cassell, Bernard	Bus	32	* † Indianapolis, Indiana
Castle, Dudley Spaulding	Bank		* † Chicago
Castle, Margaret Jane	LAS		* † Chicago
Castleman, John Rolfe	SS	8	* † Stanardsville, Virginia
Castleman, Leonard Wayne	AE		* † Huntington, Indiana
Caswell, Ralph Waldo	EE	108	* † Hincley
Catlin, George Edwin, Jr.	CE	127	* † Peoria
Catt, Orval Alonzo	Agr (SS)	133½	* † Willow Hill
Caughlan, John Henry	Jnl	60	* † Pittsfield
Cavanagh, Joseph Dennis	CE		* † Fall River, Massachusetts
Cavanagh, Matthew Francis	CE	34	* † Fall River, Massachusetts
Cavanaugh, Margaret Katharine	LAS		* † Urbana
Cavins, Harold Maxon	SHAE (SS)	98½	* † Charleston
Cawthorne, Francis Edwin	ME	36	* † Champaign
Cawthorne, Harold Jesse, A.B., 1921	SS		* † Lewisville, Pennsylvania
Cerling, Fredolph Albert	AE	36	* † Chicago
Cha, Sung Hyun	ChE unc	42	* † San Francisco, California
Chadsey, Charles Price	LAS	77	* † Urbana
Chadwell, John Toole, A.B., 1922	Law	66½	* † Quincy
Chaisser, Fladene Renee	LAS	62	* † Benton
Challacombe, Russell N	Bus (SS)	96	* † Princeton
Challman, Harold Gothard	Eng	35	* † Chicago
Challman, Lois Anita	HELAS	117%	* † Chicago
Chambers, Chellis	AC	32	* † Cairo
Chambers, Leonard Francis	ChE	92½	* † Oak Park
Chambers, Robert Nelson	Bus	26	* † Evanston
Chandler, Scott	LAS	22	* † Industry
Chaney, David Leslie	CE	106½	* † Springfield
Chang, Han Ying	CE (SS)	108	* † Shantung, China
Changnon, Elizabeth	LAS	24	* † St. Anne
Chao, Chuan Ynu	RA		* † Chihli, China
Chapman, Catherine Carrie	LAS (SS)	68½	* Carmi
Chapman, Hazel	Ed	60	* † Mahomet
Chapman, Ione Minerva	LAS	63	* † Carbon, Indiana
Chapman, Joanna Elizabeth	HEAgr	32	* † Carmi
Chapman, Margaret Alvretta	Mus		* † Herrin
Chapman, Weldon Bailey	SS	7	* † Dallas, Texas
Chappel, Russel Burnham	SS	9½	* † Chicago
Charlton, Clarence Dean	Law		* † Chicago
Charter, Harold D	LAS		* † Kankakee
Chatfield, Roy Hoag	Bus	106	* † Momence
Chatfield, Ruth Amelia	Bus	26	* † Momence
Chatten, Ernest Marion	Agr unc		* † Quincy
Cheeseman, Lillian Grace	LAS unc		* † Ellenburg Depot, New York
Cheesman, Elizabeth Nellie	HEAgr		* † Princeville
Chen, C. I.	SS	4	* † Shanghai, China
Chen, Kermit C	RCE	162%	* † Peking, China
Chen, Loh Kwen	RCE	37	* † Shanghai, China
Chen, Yuen Kai	LAS	34	* † Urbana
Chenoweth, Eugene Clay	LAS (SS)	8½	* † Marshall
Chenoweth, Evelyn Thomas	Agr		* † Alvin
Chesebro, Dorothy Kathryn	SS		* † Decatur
Chester, Dorothy Eleanor	LAS	31	* † Champaign
Chesterman, Omar Kenneth	FOM	29	* † Owaneco
Chia, Yuan	EE		* † Shansi, China
Child, Bonnie Belle	Mus		* † Chicago
Chiletti, Michael	Accy		* † Chicago
Chin, Ya To	Bank		* † Fengtien, China
Chladek, Arthur Loyal	AE		* † Chicago

Chrisman, Carl Edward	CE (SS)	70	* ↑ Paxton
Christ, Hope Fidelis	Bus		* ↑ Quincy
Christ, Raymond Edward	CerE	44	* ↑ Urbana
Christensen, Grace A	LAS		* ↑ Chicago
Christensen, John Benjamin	CerE		* ↑ Seymour, Missouri
Christenson, Frank Joseph	PreL		* ↑ Cicero
Christian, Calvin Walters	AE		* ↑ Clinton
Christian, Harold Mertin	Agr (SS)	88	* ↑ Urbana
Christiansen, Christianz Valdemar	Agr		* ↑ Chicago
Christie, Esther Lolita	HELAS		* ↑ Evanston
Christie, Jean Margaret	Bus		* ↑ Champaign
Christoff, Clarence William	Bus		* ↑ Forrest
Christoffer, Mildred Edna	LAS	31	* ↑ Oak Park
Chrysler, Clarence Darene	Agr	12	* ↑ Casey
Churan, John Anton	EE		* ↑ Crystal Lake
Church, Frances Elizabeth	Lib unc	3	* ↑ Springfield, Missouri
Church, Helen Luverne	LAS	33	* ↑ Rock Falls
Church, Russell L	EE		* ↑ Callin
Churchill, Harold Lee	REE		* ↑ Champaign
Ciarlo, Anthony Joseph	PreL	17½	* ↑ Steger
Cieslok, Theodore Charles	CE	13½	* ↑ Chicago
Cisne, Ida Maurine	HELAS	42½	* ↑ Cisne
Ciurczak, Frank Lawrence	PreM unc		* ↑ Elizabeth, New York
Clafin, Florence Janette	LAS	70	* ↑ Washington, Dist. of Columbia
Clamitz, Francis Selwyn	Bus	14	* ↑ Chicago Heights
Clancy, Eleanor Lane	Ed (SS)	86	* ↑ East St. Louis
Clarahan, Benton John	LAS	27	* ↑ Oak Park
Clarida, Beulah Mae	LAS (SS)	68	* ↑ Marion
Clark, Alvin Howard	SS	7½	* ↑ Cuba
Clark, Alvin William	Agr	102	* ↑ Barry
Clark, Carl Clayton	ME		* ↑ Philo
Clark, Carl Edward	PreM		* ↑ Macomb
Clark, Donald Evlan	Bus	7½	* ↑ Champaign
Clark, Dorothy	LAS		* ↑ Champaign
Clark, Edwin Hart	Bus	55	* ↑ Clinton, Iowa
Clark, Emmett Clarence	Bus		* ↑ Gilman
Clark, Francis Gray	Agr		* ↑ Tiskilwa
Clark, Francis Leonard	Agr	99	* ↑ Blue Mound
Clark, Harry Cecil	Agr	107½	* ↑ Champaign
Clark, Hazel Martha	LAS	88	* ↑ Champaign
Clark, John Elliott, A.B., 1922	Law (SS)	21½	* ↑ Georgetown
Clark, John Heriot Earle	Agr	120	* ↑ Durban, South Africa
Clark, Lloyd Tunka	SS	17½	* ↑ Watseka
Clark, Mary Irene	LAS		* ↑ Gilman
Clark, Mildred Ione	HELAS		* ↑ Ringwood
Clark, Mildred Lucille	HELAS	4	* ↑ Hinckley
Clark, Nita Rose	SHHEEd	101	* ↑ Morrisville
Clark, Perry Edwin	LAS (SS)	55	* ↑ Oxford, Indiana
Clark, Rebecca Isabelle	LAS	11½	* ↑ Mansfield
Clark, Robert Eugene	Bus		* ↑ Clinton, Iowa
Clark, Robert Mahlon	Ed	77½	* ↑ Carthage
Clark, Ruth	LAS		* ↑ Urbana
Clarke, Fred Martin	EE		* ↑ Chicago
Clarke, Leicester Wade	EE		* ↑ Urbana
Clarno, Lyle McLean	SS	½	* ↑ Champaign
Clausen, John Burkert	CE	107	* ↑ Chicago
Clausen, John Thomas	ME	125½	* ↑ Kenwood, Missouri
Clausen, Ruth Sabina	HEAgr	14	* ↑ DeKalb
Clauson, Samuel Raymond	Law		* ↑ Cicero
Claxon, Lucile	LAS	66½	* ↑ Streator
Clay, George Lee	Arch	19	* ↑ Lafayette, Indiana
Clay, Gertrude June	LAS		* ↑ Cisne
Clayton, John Lorenzo	Agr	35	* ↑ Yorkville
Clayton, Paul Burgess	Bus		* ↑ Johnston City
Clayton, Wilbur Stanley	CE	72	* ↑ Dixon
Claytor, Mrs. Jessie Ellen	SS	14	* ↑ Kinmundy
Cleary, John Allen	Bus	72	* ↑ Bloomington
Clem, Edith Frances	LAS	29	* ↑ Gays
Clem, Mabel Inez	HELAS		* ↑ Gays
Clements, Jesse Leonard	SS	5	* ↑ Enfield
Clements, John Howard	LAS		* ↑ Chicago
Clendenen, Harold Campbell	EE	81	* ↑ Arthur
Clendenin, John Cameron	Bank	74	* ↑ Sparta
Cleveland, Edmund Griffith	IEd	75	* ↑ Bloomington
Cleveland, Laura Mae	Bus	97	* ↑ Rockford
Clevenstine, Robert Emmert	REE	5	* ↑ Freeport
Clifton, Charles Edward, Jr.	Eng	64	* ↑ Evanston
Cline, Frances Almeda	PreM	12½	* ↑ Urbana
Cline, Howard Harpster	Agr		* ↑ Urbana
Cline, J M	Bus		* ↑ Herrin
Clingman, William Herbert	EE	81	* ↑ Chicago
Clinton, Carter Milner	EE	79	* ↑ Freeport
Clipston, Jessie Dorothy	HELAS	23	* ↑ Decatur
Cloar, Jack Leo	SS	½	* ↑ Tezakana, Texas
Close, C Orville	AE		* ↑ Hillsboro
Clute, Beulah Katherine	SS	134½	* ↑ Joliet

Clyne, Christine	Bus		* † St. Louis, Missouri
Coates, Fred Kline	AC	28	* † Ferguson, Missouri
Coath, Edward Stern	Bus	73½	* † Chicago
Coatsworth, James Turner	Bus	64	* † Galena
Cobb, Carl Clingman	Bus	67	* † Tipton, Iowa
Cobb, Florence Velira	LAS		* † Tipton, Iowa
Cobb, John Louis	Ed	109	* † McCormick
Cochran, Charles Victor	AC	68½	* † Carmi
Cochran, Evelyn May	LAS	46½	* † Good Hope
Cocke, Edith Herrin	SS	8	* † Marion
Cockin, Harold Edward	FOM unc		* † Alexander
Coe, Robert Allan	Bus	62	* † Waverly
Coen, Henry Earl	Agr		* † Olney
Coffeen, Esther	HELAS	66	* † Champaign
Coffeen, Mortimore	CE unc		* † Chicago
Coffel, Clyde S	Accy		* † Momence
Coffey, May Irene	SS	7	* † Champaign
Coffman, Donald Drake	EE		* † Davenport, Iowa
Cogdal, Joseph T	SS	8	* † Atwood
Coggeshall, Alice Gwen	SS	8	* † Indianola
Coggeshall, Jean Loueva	SS	8½	* † Indianola
Coggeshall, Mary	LAS		* † Henry
Coggin, Frederick Griswold, Jr.	Bus	27	* † Chicago
Cohen, Frank Leon	Chem (SS)	67	* † Jacksonville
Cohen, Ida Marion	LAS	22	* † Chicago
Cohen, Irving Vaslow	RCE	62½	* † Chicago
Cohen, Jesse Lester	Bus	68	* † Metropolis
Cohen, Leonard Ulrich	Bus	31	* † Chicago
Cohen, Morris Samuel	Bus	64	* † Chicago
Cohen, Nettie D	LAS		* † Chicago
Cohen, Raphael	IA	101	* † Chicago
Cohen, Sidney	Arch		* † Chicago
Cohen, William	CE	127	* † Chicago
Cohn, Ben	LAS	66	* † Chicago
Cohn, Daniel Seymour	Bus		* † Chicago
Coker, Geraldine	HELAS		
Colbrook, Velma Ruth	SS	134	* † Taylorville
Colby, Alfred Vail	Agr	102	* † Atkinson
Cole, Carol Kermit	AC		* † Mound City
Cole, Cline Marwin	Bus	103½	* † Marion
Cole, Dexter Griswold	Bank	78	* † Brookings, South Dakota
Cole, Florence Mary	HELAS (SS)	46	* † Urbana
Cole, James William	Bus	120	* † Ludlow
Cole, Julia Louise	HELAS (SS)	44	* † Urbana
Cole, Richard	LAS	60½	* † Chicago
Cole, Victor Allen	Pre.M		* † Assumption
Colebank, Jasper Hayward	SS	8½	* † Grafton, West Virginia
Colegrove, Clell De Vinney	ME	20	* † Moline
Coleman, Ernest Claude	LAS	114½	* † Greenup
Coleman, Harry John	Bus	26	* † LaSalle
Coleman, James Wade	Eng	83	* † Willow Hill
Coleman, Ross Alderson	LAS		* † Harrisburg
Coles, Rosemond	LAS	101	* † Kokomo, Indiana
Colin, Leopoldo Garcia	LAS (SS)	118½	* † Mexico City, Mexico
Collier, Anna Bess	SS	88½	* † Urbana
Collier, Theodore Franklin	Eng	136	* † Bartonville
Collins, Clarence Jackson	LAS (SS)	138½	* † South Bend, Indiana
Collins, Clifford Le Roy	Bus	91	* † Waterloo, Iowa
Collins, Delight Fern	LAS	60	* † Marion, Indiana
Collins, Frank Patrick	AC	34	* † Caseyville
Collins, John Bruce	Jnl		* † Peotone
Collins, John Dennis	Law unc		* † DeKalb
Collins, John Hick	LAS	34½	* † LaGrange
Collins, Lowell Byron	Bus		* † New Canton
Collins, Mary E	LAS		* † Urbana
Collins, Walter Samuel	SS	139½	* † Rockford
Collins, William Gus	Accy (SS)	63	* † Monticello, Indiana
Collins, William Leighton	Eng	8½	* † Highland
Collins, William Newton	SS	66½	* † Lathrop, Missouri
Collinson, Harold Everett	Bus	123	* † Galva
Collom, Arthur Bright	SS	6	* † Marissa
Colson, Elizabeth Catherine	SS	96	* † Mendota
Colson, Lloyd Dewey	Bus	30	* † St. Charles
Colstook, Chester John	RT	42½	* † Kankakee
Colvin, Blanche Marie	CT	64	* † Bourbon, Indiana
Colvin, Grace Stella	SS	82½	* † Argusville, North Dakota
Colvin, James Clinton	Jnl	68½	* † Hillsboro
Comroe, Irving Harold	IA		* † Chicago
Conant, John Leonard	Agr	34	* † Kinmundy
Conard, Lyle Reno	EE	11	* † Ottawa
Conde, Maximo Francisco	SS		* † Monte Cristy, West Indies
Condit, George Dean	Jnl	5	* † Elmwood
Condit, Horace Vincent	Law		* † Beardstown
Condit, Meryl Ann	LAS		* † Chicago
Condit, Russell Odell	Agr (SS)	108½	* † Chicago
Condon, Joseph Patrick	EE		* † Memphis, Tennessee

Condon, Robert Scofield	Eng	132	* †	Bloomington
Condon, Verner Holmes	SS	93	* †	Bloomington
Cone, Maurice Lynn	Law	77	* †	Sheridan, Wyoming
Cone, Russell Allan	Bus		* †	Champaign
Conely, Caryl Bernice	LAS	33	* †	Warrensburg
Congleton, Harlan Davis	Agr	61	* †	Urbana
Conkey, Robert Wilson	Bus (SS)	83	* †	Chicago
Conklin, Neil Chandler	Bus	46½	* †	Decatur
Conley, B Dalton	IEd		* †	Newton
Conley, Edwin Beck	Bus	49	* †	Champaign
Conley, Leland Eugene	IA		* †	Newton
Conlin, Bernard Aloysious	ME	108	* †	LaGrange
Conlin, Sister Mary Kevin	SS	6½		Springfield
Conlon, Frank Patrick	Pre.M		†	Chicago
Connard, Theodora Jane	Bus	46	* †	Decatur
Connell, James Frederick	Pre.M	22	* †	Mounds
Connell, Marguerite Regina	SS	7		Alton
Connolly, Helen Louise	LAS		* †	Chicago
Connolly, John Robert	ME		* †	Danville
Conner, Ralph Raymond	Bus	9	* †	Champaign
Connolly, Elisabeth Cecelia	SS	12		Murrayville
Connolly, Leo Albert	Bus	40	* †	Springfield
Connor, Dewey Ross	CE (SS)	48½	* †	Newton
Conrad, Charles William	SS	32		Charleston
Conrad, Emma Dorothy Christina	LAS unc (SS)	16	* †	Charleston
Conrad, Frances Carolyn	LAS		* †	Peotone
Conrad, George Sidney	Bus		†	Conden
Conway, Sister Mary Aquinata	SS	7½		Chicago
Cook, Beatrice Marie	LAS	101½	* †	Chicago
Cook, Genevieve	LAS		* †	Chicago
Cook, Henry Grady	Pre.M	68	* †	Hattiesburg, Mississippi
Cook, James Lowell, Jr.	Bus	64	* †	Chicago
Cook, Kenneth William	IA (SS)	78	* †	Rockford
Cook, Lewis Ray	EE		* †	Greenup
Cook, Warren Stewart	CE		* †	Kansas City, Missouri
Cooke, Douglas Dwight	EE	36½	* †	Ottawa
Cooke, Elizabeth May	LAS	23	* †	Chicago
Cooke, Harold Eugene	Ed unc (SS)	42	* †	Godfrey
Cooke, Thomas Dudley	AE	134	* †	Lexington
Cooke, Thomas Gaunt	ChE	68½	* †	Chicago
Cooke, William Hendrick	Law			Terre Haute, Indiana
Coole, John W	Law			Taylorville
Coolidge, Marshall Miller	ME (SS)	70	* †	Maywood
Cooley, Donna Beatrice	LAS	66	* †	Chicago
Coolidge, Norma	LAS	55	* †	Winnebago
Cooling, Arthur Albert	Arch		* †	Chicago
Cooley, Marion Fowler	Law		* †	Danville
Coombe, Raymond	EE	31	* †	Tuscola
Coonrod, Helen Lee	SS	4		Assumption
Coons, Charles Curtis	ChE	112½	* †	Gary, Indiana
Cooper, Everett Arthur	ME	34	* †	LaGrange
Cooper, Florence Kathlyn	Law		* †	Chicago
Cooper, Hattie Leah	SS	7		Pesotum
Cooper, Humphrey John	CE	106	* †	Chicago
Cooper, John Willis	CE	108	* †	Decatur
Cooper, William	Accy	105	* †	Chicago
Coover, Lucille Adeline	HELAS		* †	Mossville
Cope, Allison Jerome, Jr.	CE (SS)	107½		Champaign
Copeland, John Rogers	Bus		†	Evanston
Copeland, Ross William	AC	41	* †	Coulterville
Copeland, Ruth E	LAS	26	* †	Chicago
Copp, Fulton Watson	REE	102	* †	Detroit, Michigan
Corbett, Carrol Eberhardt	Bus	95	* †	Arthur
Corbett, Thomas Harold	PreL	39	* †	Chicago
Corbin, Helen Myra	Bus (SS)	37	* †	Winnebago
Cord, Leonora Helen	LAS		* †	Philo
Cordes, Harry Henry	CE	20		Havana
Cordis, William Reynold	Pre.M		* †	Rosemond
Core, Nan Elizabeth	LAS	82	* †	Pine Bluff, Arkansas
Corley, John Paul	CL	37	* †	Tower Hill
Corley, Mark Henry	Bus		* †	Tower Hill
Corman, Erskine Garrison	EE		* †	Industry
Cornell, Owen Lincoln	LAS		†	Faw Faw
Corner, Faye Emma	LAS	53	†	Urbana
Cornett, Kiefer	Agr	46	* †	Murphysboro
Cornick, Lester Theodore	Bus		* †	Jacksonville
Correy, Fred Harmon	AC	36	* †	Urbana
Corrie, Cynthia	Mus Ed	35	* †	St. Francisville
Corrie, Henry Bliss	Agr	68	* †	St. Francisville
Corrigan, Bernard Cain	Bus	64	* †	New Berlin
Corrydon, Arthur Edwin	Bus	24	* †	Chicago
Corson, Ann Elizabeth	LAS		* †	Belviders
Corwin, Ralph Whitney	Law		* †	Paris
Cory, William Robert, Jr.	SS	36½		Rochester
Coryell, Marie Lucille	SS	8		Grand Rapids, Michigan
Coryell, Sherman	SS	9%		Chicago

Corsine, Allen De Witt	Agr		† Taylorville
Cosgrove, Helen Geraldyn	SS	126	* † Odell
Coss, Joe Glenn	CerE		* † Lompoc, California
Costello, William Glenn	Arch		* † Ottawa
Costigan, Sherwood Lawrence	SS	69½	* † Chebanse
Cotner, William Grant	AC		* † Mt. Carmel
Cottingham, Chester Edwin	Bus	62	* † Mattoon
Cottingham, Lillian Blanche	SS	116½	* † Mattoon
Cottle, Jack	Bus		* † Chicago
Cottrell, Frances Bernice	LAS	70½	* † Champaign
Cottrell, James Douglas	Bus	75	* † Champaign
Couch, Gilbert Harlan	PreM		* † Mt. Carmel
Couch, Willard Lee	LAS	14½	* † Mt. Carmel
Couden, Trevert Dalis	CE	36	* † Danville
Coudy, Margaret Dell	Mus		* † Granite City
Coughenour, Nell Jeanne	Bus	24	* † Champaign
Coughlan, Ruth Ann	Jnl	113	* † Kokomo, Indiana
Coughlin, Francis Collins	LAS	104	* † De Pue
Coughlin, John Anthony	RA	96	* † Joliet
Coughlin, Lawrence	Eng	88	* † DePue
Coughlin, William Henry	Bus	49	* † Champaign
Coulter, Don Miles	MinE	78	* † Robinson
Coulter, Grace Edna	SHHEEd	100	* † Flat Rock
Coulter, Val Scott	PreM		* † East St. Louis
Council, Joe Culver	PreM		* † Fancy Prairie
Countiss, John Bascome	Agr	67	* † Cookeville, Tennessee
Countryman, John Everett	Agr	61	* † Rochelle
Courter, Anson Overton	Jnl		* † Lawrenceville
Courtney, Griffie Green	SS	13	* † Zeigler
Coutchie, S A	AC	98	* † Harvey
Covey, David William	Bus		* † Peoria
Covey, Loren Hume	IA (SS)	39	* † Urbana
Cowan, Rufus Bruce	Bus	91	* † Danville
Cox, Dorothy Elizabeth	LAS	69	* † Champaign
Cox, George Gurney	Agr	44	* † Urbana
Cox, Gertrude Bernice	SS	43	* † Champaign
Cox, Irvin Glen	Jnl	25	* † Urbana
Cox, John Francis	AC	37	* † St. Louis, Missouri
Cox, John Mays	AC unc (SS)	28½	* † Wishart, Missouri
Cox, Mabel Nella	LAS		* † Berwyn
Cox, Mary Jane	LAS (SS)	45	* † Urbana
Cox, Rhoda Belle	HEAgr	62	* † Chebanse
Cox, Richard Franklin	CE	72½	* † Chicago
Cox, Robert Darlington	EE	73	* † Chicago
Cox, Thomas Gilbert	PreM	7	* † Berwyn
Cox, Vincent Aron	Bus	116	* † Rockford
Cox, William Ervin	PreM		* † Cold Springs, Indiana
Cox, Zota M	SS	3	* † Champaign
Coyle, Audrey Pearl	LAS	11	* † Chicago
Coyle, Emanuel John	Law	16	* † Galesburg
Coyner, Chester Claude	Bus	83	* † Chicago
Crabb, Randall Edward	ME		* † Chicago
Crabbs, Helen Elizabeth	LAS		* † Orlando, Florida
Crabtree, Barbara Ferne	LAS (SS)	112½	* † Urbana
Crabtree, Fern	Bus (SS)	68	* † Anna
Crabtree, John Spencer	AC	36	* † Chicago
Craig, Anna Lola	SS	132	* † Cordova
Craig, Carlos Clinton	PreM	30	* † Charleston
Craig, Edward Eugene, B.S., 1923	Eng irr (SS)		* † Champaign
Craig, George	Accy		* † Woodson
Craig, George Mansfield	LAS		* † Chicago
Craig, Robert Howard	Bus		* † LaFayette
Crain, Alice Marion	Bus		* † Mt. Erie
Crain, Earl Thomas	Bus		* † Augusta
Crain, Edward Lawrence	Bus	101	* † Champaign
Crain, Joseph Milton	Law (SS)	30½	* † Mounds
Crain, Ralph Waldo, Jr.	AE		* † Havana, Cuba
Crandall, Charlotte Bell	SS	6	* † Urbana
Crandall, Richard John	EE (SS)	113½	* † Urbana
Crane, Loren Lettelle	Bus		* † Rantoul
Crane, Olie Leo	Bus (SS)	71	* † Dawson
Crane, William Piers	AE		* † Evanston
Cranston, Jean Edwin	Jnl		* † DuQuoin
Craven, Margaret Lucile	HELAS	53	* † Odell
Craver, Nolan Cornwell	AC unc (SS)	71	* † Effingham
Craw, Roy Brannan	LG	71½	* † Grand Rapids, Michigan
Crawford, Arthur Read	ME (SS)	67½	* † Minok
Crawford, Bess Lovinia	LAS	94	* † Belknap
Crawford, Clyde La Verne	Agr	35	* † Milford
Crawford, Grace Irene	SS	76	* † Elgin
Crawford, Lura Elizabeth	LAS		* † Chicago
Crawford, Philip Marion, A.B., 1920	FC irr (SS)	131	* † Champaign
Crawford, Phyllis, A.B., 1920	Lib	32	* † Little Rock, Arkansas
Crawford, Walter Charles	AC	41	* † Waukegan
Crays, John A	Bus	67½	* † Rossville
Creager, James E	LAS	63	* † Chicago



Creamer, Alma Helen	LAS	28	* † Tolono
Creath, Marion Glenn	LAS	37	* † Sullivan
Creek, Frances Margaret	Mus	35	* † Villa Grove
Creek, Wilma Claire	HELAS		* † Urbana
Creevy, Edward Forest, Jr.	CerE		* † Chicago
Crihfield, Robert Donald	IA		* † Minier
Crimmins, Beatrice Rosanna	CT	64	* † Mattoon
Crink, Elmer Stimpson	AC	43½	* † Milford
Crise, Frances Edythe	LAS	42	* † Terre Haute, Indiana
Crissey, John Colehour	AE		* † Chester
Crissey, Kathryn	LAS	60	* † Chester
Critchlow, Lucille	SS	5	* † Butler, Pennsylvania
Crittenden, Thomas Edgar	Bus	52	* † Salem
Crofoot, Russel	LAS	37	* † Tremont
Croker, Doris Elizabeth	LAS		* † Chicago
Crompton, Alice Bernice	LAS		* † Cicero
Cronwall, Wardell Nelson	Bus		* † Oak Park
Cronwell, John Ivan	IA	72	* † Aurora
Cronwell, Sven Sidney	EE	68	* † Hanover
Crook, Cecil Stanley	Bus		* † Chicago
Crooks, Charles Franklin, B.S., 1923	SS		* † Dayton, Ohio
Crooks, Lester Maurice	Agr	32½	* † Milford
Cross, Grace Lillian	SS	84	* † Hallidayboro
Cross, Wilford Oakland	LAS	39½	* † Sidney
Crossett, Mark James	EE		* † Litchfield
Crossett, Russell John	ME	68	* † Litchfield
Crossland, Cleo Mildred	Bus		* † Decatur
Crossley, Clarence Francis, B.S., 1922	SS		* † St. Louis, Missouri
Crosson, Emily Christine	Ed	87	* † Oxford, Indiana
Crouch, Irene	HEAgr	78	* † Hoopston
Crouch, Kenneth Gilbert	Bus	67	* † Tulsa, Oklahoma
Crouse, Colonel	SS	17	* † Ingham
Crouse, Luke	Ed (SS)	60	* † Lebanon
Crowder, Frederick	Bus	28	* † Bethany
Crowley, Sister Mary Aurelia	SS	7½	* † Chicago
Crown, Keith Allan	SS	17½	* † Farmington, Iowa
Crowningshield, Bernard	AC		* † Mitchell, South Dakota
Crownover, Mildred Laura	LAS	30	* † Princeton
Crozier, Andrew Liddell	Bank	102	* † Kansas City, Missouri
Cruft, Malcolm	SS	7	* † Warsaw
Crummer, Emma Cushman	LAS unc	9	* † Oak Park
Crummer, Wilber Forrest	Bus	32	* † Urbana
Cruse, Avis Estelle	Bus	32	* † Flora
Cruse, Innis Lucille	HEAgr (SS)	97½	* † Flora
Cryer, Herbert Wilford	Bus		* † Aurora
Culberg, Maurice	PreM		* † Chicago
Cullen, Elizabeth Barrall	LAS	36	* † Wilmette
Cullen, Jack Wesley	LAS		* † Wilmette
Cullings, John Regan	EE		* † Elmwood
Culp, Ray A	EE	117	* † Mason City
Culter, Samuel Harold	Agr	99½	* † Ripley, Ohio
Cumback, Preston Waldo	Bus	38	* † Hinsdale
Cummings, Dorothy Reseley	Bus		* † Chicago
Cummings, Howard	LAS	60	* † Jerseyville
Cundiff, Ralph Bolles	PreM		* † Danville
Cunningham, Doris May	Jnl		* † Bloomington
Cunningham, Eunice	Ed	63	* † Champaign
Cunningham, Eunice Ann	LAS		* † Janesville, Wisconsin
Cunningham, Hugh T	CE		* † Allendale
Cunningham, Ralph	Bank	107	* † Gibson City
Cunningham, Raymond Elbert	Bus (SS)	31	* † Urbana
Cuppy, Theodore Otto	PreM		* † Arcola
Curl, Floyd Thomas	SS	7½	* † Charleston
Curry, Cordelia Patricia	LAS	76	* † Peoria
Curry, Eutrophia Grimes	LAS	66	* † Mt. Sterling
Curtis, Allan Smith	PU		* † Dodge City, Kansas
Curtis, Donald Price	Bus	10	* † Grant Park
Curtis, Ernest	AC	39½	* † Carrollton
Curtis, Lucille Grace	HELAS	108	* † Reynolds
Curtis, Owen Shepherd	Accy	41	* † Clinton, Indiana
Curtis, Willard Benjamin	Bus (SS)	96½	* † Joliet
Curtiss, Earl Muller	SS	139½	* † Chicago
Curtiss, Edward Augustus	SS	140½	* † Stockton
Curtis, Donald Dewey	LAS	79	* † Anderson, Indiana
Curtis, Harry Emerson	CL	65	* † Anderson, Indiana
Curvey, Josephine Raye	LAS (SS)	44½	* † Taylorville
Cushing, Horace Lyman	Bus	64	* † Decatur
Cushman, Clarence Henry	SS	15½	* † Kewanee
Cushman, John Clark	CE		* † Denison, Iowa
Cusick, Waldron Steven	Bus		* † Chicago
Cuthbert, Ralph Dudley	AC		* † Chicago
Cuthbertson, Donald Franklin	Bus	101	* † Oak Park
Cuthbertson, Stuart	LAS	70	* † Bunker Hill
Cutler, Esther Charlotte	Bus (SS)	66½	* † Urbana
Czapeki, Frank Adalbert	ChE		* † Danville
Dack, Meredith Cole	EE	18½	* † Des Moines, Iowa

Dager, John Harvey	<i>Ag</i>	42	* † Champaign
Dakin, Helen	<i>PreM</i>		* † Sandwich
Dale, Harry Lincoln	<i>IA</i>	71	* † Aurora
Dale, Thomas Manford	<i>ChE</i>	27	* † Danville
Daley, Sister Leo Mary	<i>SS</i>		Philo
Dallas, Helen Virginia	<i>SS</i>	5	Danville
Dallera, Italia	<i>LAS</i>	6	* † Santiago, Chile
Dallman, Vincent Y	<i>Bus</i>		* † Springfield
Dalton, Charles Kadel	<i>Accy</i>		† Bloomington
Daly, Harold Merland	<i>SS</i>	133½	† Armington
Daly, John Cecil	<i>SS</i>	52	Warren
Daly, Raymond Ernest, Jr.	<i>LAS</i>	80½	* † Homewood
D'Ambrosio, Arthur	<i>IA</i>		* † Chicago
Damhoff, LeRoy Edward	<i>SHAEd (SS)</i>	113½	* † Morrison
Damians, Frederic Quentin	<i>CE</i>	27	* † Chicago
Dancey, Bert Ray	<i>AC</i>		* † Forest
Dandeleit, Thomas Edward	<i>SS</i>		Fairbault, Minnesota
Danforth, Grace Violet	<i>LAS</i>	52	* † Cairo
Danforth, Harlan Kinsbury	<i>Ag</i>	129	* † Washington
Danforth, Maude Hathaway	<i>LAS</i>		* † Washington
Daniel, Joseph Carl	<i>Bus</i>		* † Murphysboro
Daniels, Elwin	<i>Bus</i>	27	* † Paris
Daniels, Philip M	<i>Bus</i>	102½	* † Chicago
Danielsen, John Donald	<i>Bus</i>	19	* † Oak Park
Danielson, Charles Bowen	<i>LAS (SS)</i>	81	* † Champaign
Dapper, Howard Wesley	<i>Bus</i>	101	* † Quincy
Dappert, Arlone Amanda	<i>LAS</i>	65	* † Taylorville
D'Arcy, Jennie Myrtle	<i>LAS</i>	79½	* † Wilmette
Darling, Beulah	<i>Ed (SS)</i>	121	* † Urbana
Darling, Harlan Duane	<i>SS</i>	12½	Urbana
Darling, Ruth	<i>Ed (SS)</i>	95½	* † Urbana
Darlington, Harry Delprat	<i>EE</i>		* † Chicago
Darlington, Robert Lee	<i>LAS</i>	66¾	* † Chicago
Darnall, Eugene Campbell	<i>PreM</i>	30	* † Danville
Darnall, Gerald Arthur	<i>Bus</i>		* † Minier
Darnell, Richard Cecil	<i>EPH (SS)</i>	40	* † Champaign
Darrell, Bruce Eugene	<i>Bus</i>		* † Chicago
Datta, Rajindra Singh	<i>EE</i>		* † Quetta, India
Dauber, Harold William	<i>PreL</i>	34	* † Peru
Daughterity, Russel	<i>AC</i>	53	* † Streator
Daugherty, Josephine M	<i>LAS</i>	8½	* † Sullivan
Daum, Leonard Stanley	<i>Arch</i>		* † Chicago
Dautel, Carl, Jr.	<i>Bus</i>	14	* † Chicago
David, Adelaide Irene	<i>LAS</i>	64	* † Chicago
David, Norman Kessler	<i>Bus</i>	27	* † Chicago
Davidson, Glenn Younger	<i>Accy</i>	32	* † La Place
Davidson, James Meyer	<i>Chem</i>	69	* † Quincy
Davidson, Russell	<i>LG</i>	25	* † Holdrege, Nebraska
Davis, Gordon McKinley	<i>Bus</i>	66	* † Oak Park
Davis, Arlene Grace	<i>SS</i>	13	Urbana
Davis, Elmer Frank	<i>PreL</i>		* † Urbana
Davis, Mrs. Margaretta	<i>SS</i>	6	St. Louis, Missouri
Davis, William Lloyd	<i>SS</i>	12	Vienna
Davis, Ahren Adam	<i>FC</i>	96	* † Fairfield
Davis, Alfred Hotchkiss	<i>IA</i>	104	* † Robinson
Davis, Arlo George	<i>ME</i>	26	* † Elgin
Davis, Benton William	<i>CE</i>	12½	* † St. Charles
Davis, Burdette Myron	<i>Bus</i>	26	* † Aurora
Davis, Charles Edward	<i>Bus</i>		* † Pinckneyville
Davis, Claude Bowman, Jr.	<i>CerE</i>		* † Chicago
Davis, Derwood Harvey	<i>Accy</i>		* † Winner, South Dakota
Davis, Edna Mable	<i>SS</i>	6½	Urbana
Davis, Edward Moffett	<i>REE</i>	71½	† Indianapolis, Indiana
Davis, Elizabeth Helen	<i>LAS</i>	26	* † Atwater
Davis, Elizabeth Marie	<i>LAS</i>		* † Chicago
Davis, Evelyn Marie	<i>LAS</i>	60	* † Murphysboro
Davis, Everet Nelson	<i>Jnl</i>	19	* † Urbana
Davis, Fleta May	<i>SS</i>		Decatur
Davis, Florence Elizabeth	<i>LAS</i>	58	† Urbana
Davis, George Nixon	<i>PreM</i>	32½	* † Chicago
Davis, Georgia Eulalia	<i>LAS</i>		* † Anna
Davis, Grace	<i>Mus</i>	98	* † Benton
Davis, Howard Henry	<i>EE</i>		* † Mt. Olive
Davis, Ivan William	<i>Accy</i>	89	* † Prescott, Arkansas
Davis, John D	<i>FC</i>	100½	* † Newton
Davis, John Edward	<i>SS</i>	7	* † Urbana
Davis, Jonathan Epaphras	<i>Ag</i>	67	* † Atwater
Davis, Joseph Keith	<i>LAS</i>	52	* † Wilmette
Davis, Kenneth Russell	<i>Accy</i>		† Springfield
Davis, Lynn La Barge	<i>Accy</i>	91	* † Wilmette
Davis, Mary Marjorie	<i>LAS</i>	53	* † Kansas City, Missouri
Davis, Meredith	<i>LAS</i>		* † Alledo
Davis, Mitchel	<i>PreL</i>	34	* † Chicago
Davis, Nord William	<i>LG</i>	116½	* † Fairmont, Minnesota
Davis, Norman Harcourt	<i>EE</i>		* † Chicago
Davis, Palmer	<i>Ag</i>	55	* † Fairmount

Davis, Rolla Arthur	CL unc		* † Pawnee
Davis, Rose Frances	LAS		* † Patoka
Davis, Thomas John	EE	23	* † Birmingham, Alabama
Davis, Vernette W	LAS	66	* † Chicago
Davison, Alma	Mus Ed	63	* † Marshall
Davison, Dale Marshall	LAS	67	* † Marshall
Davison, Martin	LAS		* † Streator
Davison, Paul Howard	Agr	35	* † Minonk
Dawley, Helen, Ph.B., 1916	Lib		* † Urbana
Dawson, Dan Ornsby	Bus	27	* † Jacksonville
Dawson, George	Bus	95	* † Wheaton
Dawson, Henry Grant	LAS		* † Bushnell
Dawson, Lee Oral	SS	142½	* † Hettick
Dawson, Presley Carson	Bus	101	* † Dizon
Day, George Vernon	Agr	107	* † Dolton
Day, Glenn Wesley	LAS		* † Melvin
Day, James Elmer	CL		* † Cuba
Day, Juanita Delphine	LAS		* † Attica
Dayton, Dorsey	Agr	43	* † La Moille
Deal, Mrs. Lora Lee	LAS unc		* † Champaign
Dean, Harry Russell	Bus	20	* † Vermillion
Dean, James Russell	Bus		* † Murphysboro
Dean, Kathleen Boldt	CerE		* † Glencoe
Dearmin, Walter Fred	Bank	60	* † Odon, Indiana
Deatherage, Marjorie Olive	Mus	127	* † Auburn
Debevoise, Neilson Caryl	LAS	31	* † Evanston
Decker, Bernard Martin	LAS	30	* † Waukegan
Decker, Harriet Elizabeth	LAS	96	* † Chicago
Decker, Howard Eugene	Bus	64	* † River Forest
Decker, John Ernest	SS	132½	* † River Forest
Decker, Paul Andreas	ChE	25	* † Evansville, Indiana
De Clerc, Loyal William	Agr	32	* † Green Bay, Wisconsin
Deem, Charles	Bus		* † Galva
Deer, Paul Harold	AC	12	* † Apple Creek, Ohio
Deere, Lora Lucile	LAS		* † Longview
Dees, Charles Lenard	EE	71	* † Oblong
Dees, Dorothy Lois	Accy (SS)	67	* † Oblong
De Fur, Earl Gilbert	Law	63	* † Champaign
De Fur, Esther Muriel	HELAS	32	* † Champaign
De Haan, Mattie	LAS	11	* † Hinsdale
Deitrick, Edwin	Agr unc		* † Concord
DeKraker, Louise, A.B., 1922	Lib	38	* † Grand Rapids, Michigan
Delahunty, William Patrick	Agr	68	* † Dalton City
Delany, Margaret	Jnl	93½	* † Clark, South Dakota
Delap, Ralph Leonard	Bus	95	* † Kansas City, Missouri
Delbridge, Leta Eveline	SHHEEd	60	* † Malta
Delcour, Lonas Robert	LAS		* † Madison
Dell, Nellie Phoebe	SS	17	* † Pittsfield
DeLong, Charles Clifton	Bus	33	* † Sadorus
DeLong, Nellie Esther	LAS	31	* † Fithian
Delp, George De Forest	Accy		* † Savanna
DeMent, George Le Roy	ME	35	* † Chicago
Demlow, Edwin Merritt	LAS		* † Champaign
Demmer, Arthur Harold	EE	42	* † Ellendale, North Dakota
Demmer, John Nowry	ME	37	* † Kewanee
Demmon, John Austin	Bus	25	* † Mt. Carroll
Dempsey, Helen Clara	LAS	65	* † West Chicago
Dempsey, Paul Douglas	ME	37	* † West Chicago
Denham, Francis Scott	ME	55½	* † Whiting, Indiana
Denhart, Lawrence Benjamin	Bus	26	* † St. Joseph
Dennis, Frances Eleanor	LAS	33	* † Wilmette
Dennis, Jacob Francis	Accy	102	* † Ellsworth
Dennison, Lee Zelle	Agr		* † Lake Fork
Denton, Alberta May	HELAS	33	* † Hamilton
Denton, Harold Oren	LAS		* † Hillsboro
Denton, Marcelle Freeland	Law		* † Hillsboro
Denvir, Paul	PreL		* † Chicago
Depner, Rudolph Joseph John	AC		* † Webster, Massachusetts
Deputy, Robert Maurice	Jnl	64	* † Bridgeport, Indiana
Deremiah, John Francis	IA	111	* † St. Elmo
DeShane, Ray Emery, B.S., 1923	SS		* † Panama
DeShong, Dorland W	SS	49	* † Kansas City, Missouri
Detmer, Maude Harriett	Bus	8	* † Golden
Detterbeck, Lester George	ME		* † Chicago
Detweiler, Rudolph Martin	LAS		* † Finley Park
Deuel, Wallace Rankin	Jnl	34	* † Chicago
Deutsch, Ivan I	Bus		* † Chicago
DeVault, Nathan Earle	CL		* † Chicago
Devereux, Edward Donald	Chem	125	* † Sycamore
DeVito, Thomas Luciana	ME	23½	* † Chicago
Devlin, Paul George	Bus (SS)	22½	* † Chicago
DeWees, William	Agr (SS)	94	* † Harrisburg
DeWitt, Charles William	Agr	92½	* † Downers Grove
DeWitt, Helen	Ed (SS)	64	* † Urbana
DeWitt, Herman William	Bus	101	* † Mt. Vernon
DeWitt, Lloyd Rollan	LAS	70½	* † Dahlgren

DeWitt, Maurice Irvin	Law	56	* † Mt. Vernon
De Wolfe, Mildred Francis	LAS		* † Momence
De Wolfe, Walter Charles	LAS	25½	* † Momence
Dey, Florence Grace	Ed	90	* † Bunker Hill
Dhar, Matilal	EE	146	* † Bengal, India
Dhir, Rupchand, B.S., 1922	SS	171	* † Punjab, India
Diamond, Jack	PreL		* † Chicago
Dick, Frank Josef	Law		* † Quincy
Dickey, Elnora Arminta	LAS	33	* † Chicago Heights
Dickey, Margie Elnora, B.S., 1923	SS		* † Champaign
Dickinson, Dorothy Musick	LAS	89	* † Eureka
Dickinson, Marjorie May	Bus	63½	* † Griggsville
Dickinson, Myrtle Ross	HELAS	33	* † Chicago
Dickson, John Harold	Bus	97	* † East Chicago
Dickson, William Clark	Agr (SS)	107	* † Evanston
Diehl, Everett	Bus	29½	* † Chicago
Diehl, Newcomb Waite	Bus		* † Greenville
Diehl, Willis William	ChE		* † Hamilton, Ohio
Dierking, Eugene Edward	AE		* † East St. Louis
Diethrich, Thurman Clarence	SS	7	* † Findlay, Ohio
Dietrich, Karl Frederik	Bus		* † Greenville
Dietrich, George Leland	Bus	96	* † Tyler, Texas
Diez, Marjorie Adelaide	LAS		* † Chicago
Dighton, Asler Car	LAS	35	* † Monticello
Dikeman, Ralph	AC		* † Canton
Dilliard, Irwing Lee	Jnl		* † Collinsville
Dillman, Walter Edward	RCE		* † Champaign
Dillon, Carl Edgar	EE		* † Sesser
Dillon, Mrs. Gertrude	Mus unc (SS)	24	* † Urbana
Dillon, Leroy	Bus		* † Scotland
Dillon, Pauline Louise	Bus	64	* † Chicago
Dilsaver, Jewell Irwin	Law	31	* † White Heath
Dimford, Barney John	EE	31	* † Kewanee
Dingley, Paul George	Eng	72½	* † Youngstown, Ohio
Dining, Agnes Christine	LAS	33	* † St. Francisville
Dining, Ellen Rita	LAS	66	* † St. Francisville
Dining, Margaret Veronica	LAS	86½	* † St. Francisville
Dinsdale, David Anthony	ME	35	* † Chicago
Dippell, Lawrence Vernon	CerE (SS)	109	* † Freeport
Dippell, Randle Luber	LAS	62	* † Huntington, Indiana
Dissman, Hulda Seidel	LAS	36½	* † Kansas City, Missouri
Dissman, Jerauld Thomas	Bus	59½	* † Kansas City, Missouri
Divelbiss, Maeotta	LAS	61	* † Collinsville
Divers, Ray Anderson	Bus	34	* † Chester
Dix, Walter James	Agr		* † Chicago
Dixon, Arthur George	Eng (SS)	115½	* † East St. Louis
Dixon, Kenneth D	Agr		* † Kappa
Dixon, Kenneth Robert	Agr	65	* † Waterman
Dixon, Mary Leonora	Ed (SS)	105	* † Stronghurst
Doak, Robert Sherer	EE		* † Urbana
Doane, Rosa Belle	HELAS	41	* † Champaign
Dobbins, Ray Franklin	Law	24	* † Champaign
Dobbs, Jessie	Ed	71	* † Petersburg
Dobson, George Young	Bus	88	* † Moweaqua
Dobson, Opal Esther	LAS	30	* † Milford
Dobson, Ralph Peaker	Agr	46	* † Cerro Gordo
Dodd, Fred Orville	Agr	26	* † Paris
Dodd, Mary Grace	SS	5	* † Chicago
Dodds, Morris Barnes	ChE (SS)	55	* † Springfield
Dodge, Charles Hulbert	MinE	114	* † Fall River, Massachusetts
Dodge, Charles Thompson	ChE	16½	* † Oak Park
Dodge, Edna Eugenia	LAS	43	* † Oak Park
Dodge, Eleanore Edith	LAS	96	* † Oak Park
Dodge, Elinor Nathalie	LAS	72	* † Champaign
Dodge, Ruth Clifton	LAS	65	* † Chicago
Dodson, Irene	LAS	32	* † Morrisonville
Doern, Edwin Arthur, Jr.	Bus	65½	* † Chicago
Doerr, Emil William	EE	106	* † Carmi
Doesch, Theodore Herman	Bus		* † Crete
Dolan, Alice Marie	LAS	100	* † Peoria
Dolan, Ernest	LAS unc	63	* † Centralia
Dolan, Maude May	LAS unc	35	* † Centralia
Dolesh, James Alexander	ME	73	* † Chicago
Dolinsky, Maurice Saul	Law		* † Chicago
Doll, Walter George	SS	4	* † Urbana
Dollahan, Hugh Armstrong	PreM	35	* † Lawrenceville
Dollings, Francis Albert	CE	35	* † Champaign
Domoto, Toichi	Flor	61½	* † Oakland, California
Donahue, Frances Eleanor	LAS	103	* † Bloomington
Donaldson, Beryl John	LAS		* † Stewardson
Donaldson, Harry Verner	Bus	8	* † Wilmette
Donnelly, Colville John	IA		* † Chicago
Donner, Leone	LAS		* † Lena
Donohue, John Joseph	EE		* † Chicago
Donovan, Eugene Jerry	AE (SS)	65	* † Chippewa Falls, Wisconsin
Donovetsky, Barnett	EE	55	* † Chicago

Doody, Ava	LAS	30	* † Urbana
Doody, Bernice	HEAgr	59	* † Urbana
Doolen, Minnie Myrna	Ed	99	* † Kinmundy
Doolen, Paul Dwight	PreL		* † Champaign
Dooley, Roy Martin	Jnl		* † Watseka
Dooley, Sam Minor	IEd		* † Watseka
Doran, Andrew	Agr	33	* † Chicago
Dorman, Frederick John	LAS		* † Freeport
Dormann, Erwin Frederick	LG	34	* † Alton
Dorsett, Willis Albert	SS	71½	* † Cloverdale, Indiana
Doty, Lloyd	AC	34	* † Edmonds, Washington
Doty, Marshall Lloyd	Bus	97½	* † Evanston
Doubet, Earl Wesley	AC	109½	* † Peoria
Doubet, Julia Bertha Pitzing	HELAS		* † Peoria
Dougherty, John G. Jr.	Bus	42	* † Jerseyville
Doughty, Homer Harrell	Agr	68	* † Allenville
Douglas, Clinton Arnold	Bus	19½	* † Oblong
Douglas, Louis Reinbold	EE	36	* † Mt. Olive
Douglass, Charles Arthur	Accy (SS)	58	* † Chicago
Douglass, Kenneth Barlow	Bus		* † Urbana
Douglass, Thomas Jay	SS	8½	* † Champaign
Dowd, Carrol Richard	FC		* † Fisher
Dowd, Edward James	Accy		* † Quincy
Dowell, Harold Magnus	Eng	14	* † Port Richmond, New York
Dowell, Otis Francis	Eng	119½	* † Port Richmond, New York
Downey, Sister Magdalena	SS	6	* † Springfield
Downing, Virgil Dean	LAS		* † Mt. Pulaski
Downing, Earl Ernest	SS	19	* † Urbana
Downing, Gussie Mathis	SS	19	* † Vienna
Downs, Hedwig Vernolea	LAS	103	* † Chicago
Downs, James Chesterfield, Jr.	Jnl		* † Chicago
Doyle, Blanche Gleeson	LAS (SS)	95½	* † Urbana
Doyle, Katherine Adele	Lib unc	22	* † Clinton
Doyle, Marie	SS	121	* † Champaign
Drake, Martin Woodbury	Bank	111	* † Colorado Springs, Colorado
Drake, Richard	ChE	116½	* † Chicago
Drallmeier, Roy Eugene	EE		* † Quincy
Draper, Virginia Anna	LAS		* † Chicago
Drees, John Richard	LAS		* † Downers Grove
Dremann, Fred Frank	CL		* † Walnut
Drenk, Charles Russell	AC	36	* † Elkhart, Indiana
Dresen, William Downey	ME	70	* † River Forest
Dressel, Lucian	Agr	92	* † Jerseyville
Drew, Herbert Joseph	SS	16½	* † Dixon
Drews, Hazel Agnes	HELAS (SS)	116	* † St. Louis, Missouri
Drexmit, Raymond William	Bank	63½	* † Chicago
Dreyer, William Albert	LAS	33	* † Chicago
Driggs, Margaret	LAS	62	* † Moline
Drisback, David Oillehant	CE		* † Decatur
Driscoll, Margaret Agnes	Ed unc	60	* † Charleston
Drobish, Adolph Edison	EE	60	* † Lincoln
Drobish, William Mitchell	EE	60	* † Lincoln
Drom, Beulah Jowra	LAS	33	* † Antioch
Drom, Edwin Leroy	AC	11	* † Antioch
Drozdownitz, Vivian Genevieve	LAS		* † Chicago
Drum, Donald A	Bus		* † Mt. Pulaski
Dry, Vaille	LAS	5	* † Freeport
Dryden, Lucile	LAS	87½	* † Janesville
Dryden, Margaret	LAS	55	* † Marissa
Drysdale, Margaret Nelson	LAS	97	* † Chicago
Duane, Margaret Joan	CT	109	* † Mattoon
Dubach, Kenneth Myers	Bus	65	* † Kansas City, Missouri
Dubach, Merrill King	Bus	99	* † Kansas City, Missouri
Duca, Paul Natal	AE	86	* † Chicago
Du Comb, Wilson Locey	SS	6½	* † Beckemeyer
Dudley, Helen Martha	Accy	64	* † Springfield
Ducnsing, William Dean	Bus	96	* † Toledo
Dueringer, Orris Edward	Bus	30	* † Gibson City
Duerkop, Harry John	Bus		* † Des Plaines
Duerr, Leslie	LG	71½	* † St. Charles
Duffin, Russell Maurice	Jnl	102	* † Danville
Duffy, Helen Estell	LAS	30	* † Champaign
Duffy, Mollie	Ed (SS)	83½	* † Dixon
Du Frain, Viola Maude	SS	121	* † Momence
Dugas, Frank Emil	SS	9	* † Westville
Dugger, Ralph Loring	EE	55	* † Collinsville
Dull, Florence Winnefred	LAS		* † LaGrange
Duncan, Albert Wade	Bus	23	* † Alton
Duncan, Donald Vinson	Agr		* † Mt. Carroll
Duncan, Fred Turman	Bus		* † Kingman, Indiana
Duncan, George	ME		* † Alton
Duncan, Richard Eames	Bus	23	* † Aurora
Duncan, Robert Lynn	Bus	24	* † Anna
Duncan, Thelma A	LAS	34	* † Paxton
Duncan, Walter Gillespie	Agr (SS)	63	* † Flat Rock
Duncan, William Stewart	EE	35	* † Mt. Vernon

Duncombe, John Spencer	Bus		* † Chicago
Dungan, Idylene	LAS	31	* † Sedan, Kansas
Dunham, Dixie	Bus	46	* † East St. Louis
Dunham, Emmett Edward	Agr		* † Griggsville
Dunkle, Iva Jane	CCS	31	* † Urbana
Dunlap, Albert Wilburn	EE		* † Aledo
Dunlap, Catherine Maude	LAS	65	* † Mason City, Iowa
Dunlap, Charlotte	Jnl		* † Bloomington
Dunlap, Collett Noble	CE	133	* † Clinton, Indiana
Dunlap, Marcia, A.B., 1919	Lib		* † Urbana
Dunlap, Robert	Accy	56½	* † Chicago
Dunlap, Viola Verberna	LAS		* † Cairo
Dunn, Carl Arthur	Bus	63	* † Michigantown, Indiana
Dunn, Irma Katharine	LAS		* † Decatur
Dunn, Walter Conrad	Bus		* † LaGrange
Dunn, William Prescott	Law	39	* † Peoria
Dunscomb, Joseph Harmon	SS	2½	* † Windsor
Dunscomb, Mary Elvira	LAS	84	* † Windsor
Dunscomb, Rosemarie	LAS	32	* † Windsor
Dunsing, Dorothy Mae	LAS	68	* † Hammond, Indiana
Dupece, Ralph Kinkead	CE	36	* † Earlville
Durham, David	Bus		* † Oblong
Durham, Morris David, A.B., 1922	Law (SS)	58½	* † Oblong
Durkee, George Chandler	Agr		* † Fulton
Durland, Edwin Newberry	LAS	98	* † River Forest
Durland, Harold Crane	AC		* † River Forest
Dustey, Ada Myrtle	HELAS	24	* † Peoria
Dutton, Frank Orrin	EE	72	* † Downers Grove
Dutton, Thelma	SS	6	* † Emporia, Kansas
Duvall, Benjamin Franklin	Law	33	* † Aledo
Duvall, Elma Florence	Bus		* † Belleville
DuVall, Kenneth L	Accy	42	* † Urbana
Dvorak, Helen Marie	SS	9	* † Algonquin
Dvorak, Jerome William	IA	70	* † Chicago
Dvorak, Raymond F, B.S., 1922	SS		* † Algonquin
Dwyer, Sister Margaret Mary	SS	16½	* † Urbana
Dyas, Richard Campbell	LAS		* † Paris
Dye, George Russell	Bus	115½	* † Wolcott, Indiana
Dye, Walter Church	CE (SS)	65	* † Danville
Dyer, Emmett Dwight	SS		* † Indianola, Iowa
Dyer, Leon	AC		* † New Goshen, Indiana
Dykema, Clarence Herman	Jnl		* † Fulton
Dykhouse, Winston Norbert	EE	30	* † Oak Park
Dynes, Kenneth Leonidas	Ed (SS)	33	* † Indianapolis, Indiana
Dyroff, Esther Amalia	Ed	60	* † Dupu
Dyslin, Charles L	Agr		* † Lanark
Dyslin, Ralph Wolf	Agr		* † Lanark
Dyson, Everett Mahlon	Bus	62½	* † Urbana
Eade, Lyle G	Bus		* † Aurora
Eadie, James Orick	Bus	67	* † Chicago
Eads, Henry C, B.S., 1923	SS		* † Arthur
Eagle, Isaac Orval	LAS (SS)	104½	* † Chicago
Earl, Catherine Lisle	Bus		* † Chicago
Earl, Mabel Garnet	SS	75½	* † Champaign
Earl, Willis Charles	LG		* † Kansas City, Missouri
Earle, Fred Antipas, Jr.	AC		* † Hollister, California
Earle, Robert John, Jr.	CE		* † Chicago
Earnest, Eloise Sparks	LAS	68	* † Champaign
East, Lawrence John, B.S., 1921	SS		* † Springfield
Easton, Bonita Russell	Ed	60	* † Chicago
Easton, Virginia Marie	Ed	65	* † Deerfield
Eaton, J Mack	AC	72	* † Newton
Eaton, William Glenn	Agr	24	* † Newton
Ebbert, John Foreman	Bus	48½	* † Oak Park
Ebersold, Frederick H	Bus	101	* † River Forest
Eberspacher, Hilda Mabel	LAS	99	* † Pana
Eckard, Everett Etcheson	Bus		* † Vandalia
Eckfeldt, Gladys Anna	LAS	7	* † Chicago
Eckles, Effie Aurette	HELAS	92	* † Camp Point
Eddy, Leroy John	ME	109	* † Oak Park
Eddy, William Fremont	SS	9	* † Schenectady, New York
Edelen, John Price	CL	68	* † Indianapolis, Indiana
Eden, Josephine Ione	Mus	35	* † Urbana
Eden, Royal Krebs	SS	125½	* † Urbana
Edens, William McKinley	Bank	103	* † Chicago
Edgar, Martha	LAS	95	* † Doylestown, Pennsylvania
Edgar, William Clarence	IA		* † Chicago
Edholm, Wilbur Leroy	AE	31	* † Evanston
Edinger, Leslie Allen	AC		* † Emlenton, Pennsylvania
Edison, Helen Jane	HEAgr	32	* † Kankakee
Edmonds, Alicia Sophia	PreM	27	* † Chicago
Edmonds, Charles Donald	CE	35	* † Mt. Carroll
Edmonds, Samuel Crosson	Accy		* † Fowler, Indiana
Edmondson, Kenneth Compton	LAS	26	* † Clinton
Edquist, Earl Leonard	FC	33	* † Chicago
Edstrom, Alfred Elmer	LAS	65	* † Chicago

Edwards, Dorothea Gazelle, A.B., 1922	Lib		* ↑ Indiananola, Iowa
Edwards, Elizabeth Erma	LAS		* ↑ Centralia
Edwards, Elizabeth Jeannette	HELAS	100	* ↑ Chicago
Edwards, Ellen Clair	LAS unc		* ↑ Urbana
Edwards, Ernest Milton	Agr	84	* ↑ Harrisburg
Edwards, Estelle Emma, A.B., 1922	SS		* ↑ Centralia
Edwards, Francis Johnson	LAS		* ↑ Chicago
Edwards, Gilbert Harold	LAS	26	* ↑ Pinckneyville
Edwards, Mary Elizabeth	LAS		* ↑ Williamsville
Edwards, Mary Irene	Mus	15	* ↑ Centralia
Edwards, Sam Mulberry	EE		* ↑ Girard
Edwards, Walter Mackenzie	Accy	27	* ↑ Chicago
Eggers, Ernest Herman	AC		* ↑ Whiting, Indiana
Eggers, Henry William	PreM	28	* ↑ Whiting, Indiana
Eggmann, Horace Jacob, Jr.	Bus	5	* ↑ East St. Louis
Eggmann, Hortense Fredericka	LAS (SS)	55	* ↑ East St. Louis
Ehlert, Frederick Theodore	Bus		* ↑ Dolton
Ehrenreich, Louis Sigismund	PreM	42	* ↑ Minocqua, Wisconsin
Ehrlich, Victor Mandel	Bus	24	* ↑ Chicago
Eich, Alma Rose	HEAgr	4	* ↑ Joliet
Eich, Elizabeth E	HELAS	106	* ↑ Joliet
Eichhorn, Carol Edward	EE		* ↑ Geneseo
Eichler, Tyrrell Burton	ME	20½	* ↑ St. Louis, Missouri
Eicken, Adolph John	SS	5	* ↑ La Prairie
Eide, Oscar John	SS	8½	* ↑ Glenwood, Minnesota
Eikenbary, Miriam	HELAS	59	* ↑ Wabash, Indiana
Eikenberry, Florence Louise	LAS	65	* ↑ Peru, Indiana
Eikenberry, Russell Clifford	LAS	61	* ↑ Kokomo, Indiana
Eiler, Roscoe Dutton	Agr	30	* ↑ Tower Hill
Eilers, Dorothy Eunice	HELAS (SS)	93½	* ↑ Chapin
Eisenberg, George	LAS		* ↑ Waukegan
Eklund, Carl Ludwig	Agr (SS)	63	* ↑ Sycamore
Ekstrand, Rowland Magnus	PreM	32	* ↑ Waukegan
Elean, Patrick Henry	Bus		* ↑ Kankakee
Elder, Albert Lawrence	SS	131½	* ↑ Urbana
Elder, Clarence Huber	EE	70	* ↑ Urbana
Eldredge, Jewell Rose	LAS	107	* ↑ Oak Park
Eldredge, John Jenness	AC	31	* ↑ Oak Park
Eldredge, Lynn Elliott	Bus	29	* ↑ Oak Park
Eldredge, Roy Elnathan	Bus	98	* ↑ Chicago
Elerick, Frederick William	AC		* ↑ Keosauqua, Iowa
Elgin, Kathryn Mable	LAS	67	* ↑ Bloomington
Ellett, Ada Marie	LAS	15	* ↑ Danville
Elliff, Nathan Thomas	PreL		* ↑ Pekin
Ellington, Elmo Watts	Bus	86	* ↑ Muskogee, Oklahoma
Elliott, Francis Friedgen	Accy	33	* ↑ Connersville, Indiana
Elliott, Geraldine Josephine	LAS		* ↑ Donostan
Elliott, Grace Ellen	SS	14¾	* ↑ Galesburg
Elliott, Halleen Martha	Ed	92	* ↑ Mattoon
Elliott, John R	SS		* ↑ Wabash, Indiana
Elliott, Joseph Burnard	Bus		* ↑ Cisme
Elliott, Ralph Elder	Bus	29	* ↑ Harrisburg
Elliott, Sinnett Ramey	Agr		* ↑ Leland
Elliott, Walter Irving	Bus	92	* ↑ Chicago
Ellis, Nina Elizabeth	SHHEEd (SS)	89	* ↑ Lexington
Ellis, Ruth Magdalene	LAS		* ↑ Webster Grove, Missouri
Elrod, Donald Stearns	Bus	103	* ↑ Kansas City, Missouri
Elrod, Dorothy Eleanor	LAS		* ↑ Marissa
Elshstain, Norman Louis	CE	64	* ↑ Chicago
Elson, Howard Joseph	Agr	35	* ↑ Chenoa
Elwell, Henry Spaulding	Bus		* ↑ Peoria
Embser, Jerome Anton	Agr	32	* ↑ Salem
Embrey, Francis Albert	Agr	34	* ↑ Chicago
Emch, Arnold Frederick	LAS (SS)	67¾	* ↑ Urbana
Emerson, Edith Anne	Ed (SS)	91	* ↑ Stonington
Emery, Earl Donald	CL	29	* ↑ LaGrange
Emley, Philip William	EE	35	* ↑ Danville
Emory, Alan	Bus	107	* ↑ Oak Park
Ems, Clarence Everette, B.S., 1922	SS		* ↑ Ogden
Ems, William Wallace	Bus (SS)	61½	* ↑ Ogden
Eng, Bock Jaw	ME	33	* ↑ San Francisco, California
Engberg, Burton Anchor	REE	71	* ↑ Chicago
Engel, Mable Ida	Bus	98	* ↑ Stewardson
Engelbrecht, Howard Frederick	Bus	122	* ↑ Elgin
Engelhardt, Lila Harriet	Ed	60	* ↑ Harvard
England, Gladys L	LAS	31	* ↑ Villa Grove
England, Gladys Veatrice	Bus		* ↑ Mounds
England, Jesse Everett	AC	23	* ↑ Waveland, Indiana
Englar, Eugene Field	LAS (SS)	99	* ↑ Chicago
Engle, Colburn	LAS		* ↑ Havana
English, Dorris	SS	8	* ↑ White Hall
English, Judith	Jnl	30	* ↑ Chicago
English, Madge	LAS	82	* ↑ Centralia
English, William Luke	Bus		* ↑ South Wilmington
Ennis, Burrell	ChE	117	* ↑ Kansas City, Missouri
Enochs, Artelia Maude, A.B., 1912	Lib (SS)	19	* ↑ Creston, Iowa

Ensinger, Dorothy	LAS		* † Shelbyville, Indiana
Enyart, Ralph Cremer	Bus	30	* † Agency, Iowa
Ephgrave, John Oliver	EE		* † Chicago
Ephler, Elbert Painter	EE	67	* † Mt. Vernon
Epstein, Gertrude	LAS	16	* † Danville
Epstein, Mae Rosalyn	Jnl		* † Chicago
Erditz, Richard John	SS	$\frac{1}{2}$	* † Oshkosh, Wisconsin
Erickson, Agnes Severinne	Ed	$68\frac{1}{2}$	* † Chicago
Erickson, Carl Victor	CE	80	* † Dwight
Erickson, Donald Robert	LAS		* † Chicago
Erickson, Emery Theodore	ChE	$80\frac{1}{2}$	* † Chicago
Erickson, Erick	ME	68	* † Chicago
Erickson, Harold A	SS		* † Maynard, Minnesota
Erickson, Iver	CE	71	* † Kansas City, Missouri
Erickson, Mary Anna	LAS	50	* † Chicago
Erickson, Willard Norman LeRoy	Accy	100	* † DeKalb
Ericson, Rudolph Conrad	EE	74	* † Orion
Erlanson, Albin Carl	LAS (SS)	19	* † Evanston
Ermeling, Howard John	AE		* † Havana
Ernest, Bessie	HELAS (SS)	60	* † Urbana
Ernest, Winifred	LAS	66	* † Urbana
Ernststein, Edward	Bus	64	* † Chicago
Ervin, Elizabeth	HELAS	30	* † Gillespie
Erwin, Edgar Hawthorne	Arch		* † Quincy
Erwin, Florence Delilah, A.B., 1914	Lib		* † Bainbridge, Indiana
Erwin, Harry Franklin	Bus		* † Sandwich
Erwin, Lewis Dewey, B.S., 1923	SS		* † Macomb
Erwin, Marshall Joseph	AC		* † Marion
Erzinger, Helen Louise	LAS	98	* † Kankakee
Espey, Frank Stephens	SS	$77\frac{1}{2}$	* † Anchor
Essey, Wilbur David	Bus	$61\frac{1}{2}$	* † Aurora
Essmuller, Arthur Frederick	Bus	106	* † St. Louis, Missouri
Etheridge, Frances Dorothy Locke	LAS (SS)	87	* † Louisville, Kentucky
Etnoyer, Mary Margaret	LAS	63	* † Cerro Gordo
Etnoyer, Ruth Naomi	Ed (SS)	86	* † Cerro Gordo
Ettlinger, Roger Daniel	Bus	64	* † Chicago
Etzel, Gastao	Chem	$112\frac{1}{2}$	* † South Paulo, Brazil
Euwer, Albert Lester	Accy	67	* † Topeka, Kansas
Euyang, Hsu Chu	Bus	96	* † Shanghai, China
Euyang, Mrs. Pauline	Bus	29	* † Peking, China
Euyson, Harold Gregory	Bus		* † Harco
Evanoff, Atanaska	HELAS (SS)	$42\frac{1}{2}$	* † Collinsville
Evans, Daisy Belle	LAS		* † Centerville, Iowa
Evans, David Reid	Bus	9	* † Moline
Evans, Eva June	LAS	33	* † Chicago
Evans, Harry Thomas, Jr.	LAS (SS)	65	* † Berwyn
Evans, Helen	HELAS	108	* † Wilmette
Evans, Henry Bowman	SS	$130\frac{1}{2}$	* † Roscoe, Iowa
Evans, John Hanwood, B.S., 1923	SS		* † Bloomington
Evans, John Watkins	AE	57	* † Bloomington
Evans, Lucille	LAS		* † Centerville, Iowa
Evans, Margaret Elma	SS		* † Topeka, Kansas
Evans, Mrs. Mary Margaret	HEAgr irr		* † Indianola, Iowa
Evans, Maurice Brice	CE	7	* † Urbana
Everaerts, Jeanne Anne Henrietta	Lib unc		* † Brussels, Belgium
Everett, Elmer Edwards	Bus	$40\frac{1}{2}$	* † Ardmore, Oklahoma
Everett, Russell Floyd	Agr	56	* † Galva
Everett, William Stringham	Bus		* † Chicago
Everitt, Ronald Edward	Agr	38	* † Mason City
Eversole, Leverett Wendell	Bus	60	* † Westervelt
Eversole, Mildred Elizabeth	LAS	99	* † Champaign
Ewend, Walter Hamilton	ME	69	* † Peru
Ewers, Clyde Morgan	SS	8	* † Beloit, Wisconsin
Ewert, Cornelius John	LAS		* † Chicago
Ewing, Elizabeth Clarissa	LAS		* † Ridgefarm
Ewing, James Milton	AC		* † Fairland
Ewing, James Whitney	ME	105	* † Neoga
Ewing, John Leonard	LAS	106	* † Elvaston
Ewing, Joseph Chalmers, Jr.	Bus		* † Greeley, Colorado
Ewing, Manford Ross	AC	71	* † Plano
Ewing, Farmer Leland	SS	7	* † Casey
Eycleshymer, Albert David	PreL	62	* † Oak Park
Eycleshymer, Ethel	LAS	$126\frac{1}{2}$	* † Chicago
Eyerley, Ethyle Porter	LAS		* † Urbana
Eyman, Robert	Bus	47	* † Joliet
Eyman, Sterling Ross	Agr		* † La Prairie
Eyrich, Gerald Joseph	Bus	$4\frac{1}{2}$	* † Milford
Fabian, Agiston Carraloe	IA	66	* † Manila, Philippine Islands
Fackler, Orpheus A	SS	49	* † Primrose, Ohio
Fagan, Curtis Harold	LAS	98	* † Ohio
Fahnestock, Maurice Kendall	ME	$111\frac{1}{2}$	* † Edwardsville
Fahrnkopf, Charles Frank	SS	$44\frac{1}{2}$	* † Decatur
Fairfield, Mary Margaret	LAS	32	* † Chicago
Fairweather, Stanley James	Jnl (SS)	$68\frac{1}{2}$	* † Cicero
Faessler, Jane Frances	LAS	33	* † Sycamore
Fales, Clyde Byron	AC	62	* † Waterloo, Indiana



Fallon, Antoinette Marie	LAS	31	* † Urbana
Fallon, Patrick John	FC	96	* † Urbana
Fargo, Roy Newton	SS	4 $\frac{1}{2}$	* † Champaign
Farley, John Edgar	SS	48 $\frac{1}{2}$	* † Pawnee
Farnham, Alonzo Stearns	ME		* † East St. Louis
Farnham, Beulah Faith	LAS	64	* † Paris
Farnworth, Eva	HELAS	32	* † Gillespie
Farnsworth, Linden Lenord	Bank	16	* † New Hartford, Iowa
Farnsworth, Wilma Jeannette	LAS	34	* † Urbana
Farrand, Henrietta	LAS	66	* † Griggsville
Farrar, James Theodore	SS	108	* † Joplin, Missouri
Farrell, Charles Breyer	MSE	109	* † Chicago
Farwell, Cornie Angela	Ed (SS)	118	* † Augusta
Farwell, Helen Louise	Jnl	11	* † Chicago
Farwell, John Augustus	AE		* † Boulder, Colorado
Farwell, Louise	LAS	60	* † Mt. Morris
Faude, Corvin William	Bus	62	* † Chicago
Faulkner, Jean Myrtle	LAS		* † Chicago
Faunce, John Clement	Jnl (SS)	84	* † Casey
Faust, Carl Frederick	Law	67	* † Joliet
Fechtman, Hugo William	Bus	94	* † Indianapolis, Indiana
Fedus, Therle Jean	Bus		* † Champaign
Fee, Lawrence George	EE		* † Champaign
Feickert, Arthur Julian	Eng	136	* † Belleville
Feingold, Phyllis	LAS		* † Chicago
Feinstein, Emanuel Mandel	CE	31	* † Chicago
Feinstein, Esther Mae	LAS		* † Maywood
Felbeck, Edith Florence	LAS	16	* † Champaign
Felbeck, Helen Mildred Kniseley	LAS	100	* † Champaign
Feldmann, Earl John	Bus	23 $\frac{1}{2}$	* † Chicago
Fell, Milan Thomas	AC	17	* † Toulon
Fellenstein, Urban	Accy	99	* † Waterloo
Fellows, Roger Lee	CerE	112	* † LaGrange
Fels, Clarence George	CerE	73	* † Pine Bluff, Arkansas
Fels, Lawrence	LAS	16	* † Chicago
Felt, Arthur Webster	AE	71 $\frac{1}{2}$	* † Kansas City, Missouri
Feltenstein, Paul	PreM		* † Chicago
Felter, Alma, A.B., 1922	Lib	32	* † Eureka
Fencken, Claude Harry	Bus	23	* † Hoopeston
Fenelon, Eunice Sarah	LG	203 $\frac{1}{2}$	* † Weyauwega, Wisconsin
Fennell, Joseph Everette	CL		* † Davenport, Iowa
Ferguson, Charles William	ChE	61	* † Chicago
Ferguson, Esther Hannah	Mus	103	* † Dixon
Ferguson, Leila Gretta	Bus	111 $\frac{1}{2}$	* † Dixon
Ferguson, Paul Herman	PreL		* † Willow Hill
Ferguson, Randon	EE	116	* † Tuscola
Ferguson, Robert Hugh	LAS	122	* † Champaign
Ferguson, Vance Heber	Bus	34 $\frac{1}{2}$	* † Rock Island
Ferguson, William Hugh	Agr		* † Chicago
Fernandez, Amparo A	HELAS		* † Lilio, Philippine Islands
Ferree, George B	AC		* † Urbana
Ferree, John R	SS		* † Carthage, Missouri
Ferris, Paul Bennett	EE	121 $\frac{1}{2}$	* † Lake Geneva, Wisconsin
Ferris, Whitney	Bus	48 $\frac{1}{2}$	* † Kankakee
Ferry, Henry C	Bus	25	* † Zion City
Fessant, Beulah W	LAS	103	* † Vermilion
Fessenden, Douglas Albert	AC (SS)	73	* † San Antonio, Texas
Fetterolf, Luther D	CerE	93	* † Wayne, Nebraska
Fetzer, Mrs. Pearl Fort	SS	1 $\frac{1}{2}$	* † Pikeville, North Carolina
Fetzer, Robert Allison	SS	8 $\frac{3}{4}$	* † Concord, North Carolina
Feuerstein, Regina	LAS		* † Chicago
Fey, Manuel Ridgway	Bus	26 $\frac{1}{2}$	* † Morris
Fidler, Harold Prather	LAS		* † Chicago
Field, Harford	AE	118	* † Champaign
Fielder, Virgil Byron	Agr	70	* † Fisher
Figel, Andrew	Accy (SS)	97	* † Gary, Indiana
Fike, Evalyn Irene	LAS	60	* † Lewistown
Finch, Robert Chalmers	Bus		* † Carmi
Finck, Frances Ellen	LAS		* † Urbana
Finder, Jerome Gordon	PreM	13	* † Chicago
Findlay, Grace Cecile	SS	34	* † Kokomo, Indiana
Findley, Garnett Edythe	Accy	30 $\frac{3}{4}$	* † Wataga
Finfgeld, Edward Milliken	LAS (SS)	108	* † Arcola
Finifrock, Stanley Revere	Agr	96	* † Lanark
Finkelstein, Edward	ME		* † Chicago
Finley, Ada Brownell	SHHEEd	117	* † Woodstock
Finley, Violet Maurinne	LAS		* † Champaign
Finn, Florence Glassbrook	LAS		* † Chicago
Finne, Burton Albert	PreM	35	* † Chicago
Finnell, John Harold	Bus	62	* † Chicago
Flock, Georgia Elizabeth	LAS	35	* † Aurora
Firchau, Adeline Dorothy	LAS		* † Urbana
Firebaugh, Albert Edward	EE		* † Milford
Firebaugh, Raymond Sims, B.S., 1921	SS		* † Danville
Firebaugh, Mrs. Raymond Sims	SS		* † Robinson
Firth, John Oscar	SS	8 $\frac{3}{4}$	* † Monticello
			* † Sparta

Fischer, Alice Elizabeth	Bus	62	* + Chicago
Fischer, Henry Hubert	Chem (SS)	67½	* + Urbana
Fischer, John Richard	IA	69	* + River Forest
Fischer, Maurice	PreL	98	* + Chicago
Fischman, William	CE	61	* + Chicago
Fiscus, Alva Elbert	LAS	24	* + Sumner
Fiscus, Lois	LAS	62	* + Storm Lake, Iowa
Fish, Leland Henry	ChE		* + Woodstock
Fisher, Charles Kendall	Bus (SS)	99	* + Park Ridge
Fisher, Charles Vuhrman	AE	12½	* + Springfield
Fisher, Clyde Lawrence	ChE	42	* + Watertown, New York
Fisher, Earl Webster	Bus	30	* + Chicago
Fisher, Elizabeth Mary	HELAS	10½	* + Bement
Fisher, Emmett Nicholas	SS	13	* + Bristol, Indiana
Fisher, Fred Daniel	LAS	33	* + St. Louis, Missouri
Fisher, Frederick Law, Jr.	LAS		* + Ottawa
Fisher, Henry Richard	CE (SS)	34½	* + Decatur
Fisher, Marion Irene	LAS	35	* + McConnell
Fisher, Richard Ellis	Jnl	96	* + Chicago
Fisher, Robert Eugene	LAS	30	* + Champaign
Fisher, Russell William	ChE	89	* + Peoria
Fisher, Sarah Jane	HELAS		* + Champaign
Fishman, Joseph	Bus	30	* + Terre Haute, Indiana
Fishman, Louis Zolo	SS	77	* + Chicago
Fiske, Clinton B	RCE		* + Chicago
Fiske, Herbert Dick	SS	87	* + Champaign
Fitch, Erma Mae	Ed (SS)	79½	* + Greenup
Fitch, Kenneth Rudolph	ChE	24	* + Joliet
Fittge, Erwin Harry	LAS	109½	* + University City, Missouri
Fitton, John Harold	FC		* + Urbana
Fitts, Ralph Lamar	SS	9½	* + Atlanta, Georgia
Fitzer, William Swail	EE		* + Belvidere
Fitzgerald, Alex Edward	SS	76	* + Ogleby
Fitzgerald, James E	LAS		* + Chicago
Fitzgerald, Joseph J	LAS	28	* + Maple Park
Fitzgerald, Malcolm Vincent	Bus		* + Ogleby
Fitz-Gerald, Nesta	HELAS	69	* + Urbana
Fitzgerald, Thomas	SS	142	* + Goodland, Kansas
Fitzhugh, William Cullen	LAS	17	* + Springfield
Fitzpatrick, James Courtney	Bus (SS)	70¾	* + Chicago
Fitzpatrick, John Francis	SS	8½	* + South River, New Jersey
Flachenecker, Lucile Elizabeth	Mus	13	* + Alton
Flagg, Frank	Accy	104	* + Williamsville
Flagg, Katherine Hehnet	SHHEEd	96	* + Moro
Flanders, Seth Webster	LAS	122	* + Champaign
Flenor, Roy E	SS	6	* + Little York, Indiana
Fleischman, Emma	LAS	32	* + Chicago
Fleischman, Frieda	LAS	16	* + Chicago
Fleming, Edna Alice	LAS	4	* + Champaign
Fleming, Richard Hill	Bus	77	* + Chicago
Fleming, Russell Clark	MinE	96	* + Mitchell, South Dakota
Flesh, Orin, A.B., 1921	SS		* + Marine
Fletcher, Charles Loren	EE	43	* + Urbana
Fletcher, Charlotte Hinchliff	LAS	53	* + LaGrange
Fletcher, Dorothea Gwendolyn	HELAS		* + Chicago Heights
Fletcher, Gordon Van Buren, A.B., 1921	LAS irr		* + Chicago
Fletcher, Harriet Ellen	SS	7	* + Cedar Grove, Indiana
Fletcher, Lawson Wandless	EE		* + Collinsville
Fletcher, Robert Borden	Bus	55	* + LaGrange
Fletcher, Robert Harry, A.B., 1921	SS		* + Morris
Flick, Everett Loraine	CE		* + Barry
Flick, Francis Spohrer	ME		* + Chicago
Flint, George Wesley	PreM		* + Bellflower
Flint, Lucile Roberta	LAS		* + Elmwood
Flint, Theodore	Bus	69	* + Joliet
Flom, Elizabeth	LAS (SS)	102	* + Urbana
Flom, Mary Antoinette	LAS		* + Urbana
Florent, Veran	Bus		* + Champaign
Flournoy, William Farran	Bus (SS)	103	* + Independence, Missouri
Flowers, Waitman Milner	Bus		* + Pekin
Floyd, Truman Webb	ChE	70½	* + Peoria
Floyd, William Beerney	Agr		* + Henderson, Kentucky
Fluck, Charles Benjamin	Agr		* + Dixon
Flude, John William	ME	62	* + Chicago
Fogler, Ralph Waldo, B.S., M.S., 1921, 1922	SS		* + Champaign
Foley, Edward Carl	SS	135½	* + Tennessee
Foley, Lena Abigail	LAS	70	* + Plymouth
Foley, Nell Marie	LAS	10½	* + Chicago
Foley, Paul James	Bus	98	* + Mapleton
Folkers, Florence Mildred	SHHEEd	106½	* + Frankfort
Follett, Dwight Walcott	LAS	65	* + Maywood
Foltz, Paul Alfred	SS		* + Gateslon, Texas
Foot, Edith Loueva	LAS	7½	* + Urbana
Foot, Willis Bronson	EE		* + Urbana
Footitt, Dorothy Vivian	LAS		* + Nora
Forbes, Sidney Mason	RCE	32	* + Chicago
Ford, Floyd Bryan	Law		* + Carterville

Ford, Howard Egbert	IA		* † Chicago
Ford, John Lewis	AE (SS)	116½	* † Meeker, Colorado
Ford, Orville Fred	EE		* † Centralia
Ford, Raymond Calvin	SS	17½	* † Vienna
Foreman, Charlotte Miriam	SS	65	* † Oak Park
Foreman, James R	Jnl	60½	* † Chicago
Forester, D V	Bus (SS)	48	* † Champaign
Forester, Mary Adeline	LAS	31	* † Champaign
Forker, Eugene Boyd	IA		* † Urbana
Forsaith, Franklin Blake	Agr	103	* † Rockford
Forster, Parks Kingsley	Agr	94	* † Alpha
Forsyth, James Gordon	Bus	19	* † Marissa
Forsythe, Marjorie P	Jnl		* † Indianapolis, Indiana
Forsythe, Stanley Davis	EE	123	* † Chicago
Fortier, Leo Reynold	LAS	114	* † Tulsa, Oklahoma
Fortman, Chrystal	LAS		* † Lincoln
Fortney, Harry Dewey	IEd	97½	* † Muncie, Indiana
Fortyl, Stella Josephine	Mus	63½	* † Chicago
Forward, LaFayette Lawrence	IA	105½	* † Rochester, New York
Fosnaugh, Irwin Silverthorn	Bus		* † Clinton
Fosse, Agatha Ruth	LAS	102	* † Chicago
Foster, Charles Jerome	Accy		* † Auburn
Foster, Charles Vernon	Bus	101½	* † Mt. Carroll
Foster, Clara Louise	Ed	76	* † Chicago
Foster, Donald Daniel	Bus		* † Attica, Indiana
Foster, Donn Edward	Bus		* † Chicago
Foster, Edward Mern	Accy (SS)	107½	* † Danville
Foster, Edwin Stanton	CerE	77	* † Streator
Foster, Eliza Brown	LAS	11	* † Springfield
Foster, Eugene Alexander	EE		* † Downers Grove
Foster, Evelyn Gail	LAS		* † Alexis
Foster, George Frank	LAS (SS)	78	* † Stroud, Oklahoma
Foster, Harold James	Bus	12	* † Menominee, Michigan
Foster, Herman Glenn	Bus	27	* † Moveaqua
Foster, John Alan	Bus	111½	* † Attica, Indiana
Foster, John M	Bus	108½	* † Kansas City, Missouri
Foster, John Paul	Law		* † Zeigler
Foster, Ruth	HELAS	63	* † Alexis
Foster, Sam Reid	Agr (SS)	79	* † Alexis
Foster, Ulic Clarence, B.S., 1922	SS		* † Monroe Center
Foster, William Jennings	SS	7½	* † Champaign
Foster, William Phineas	Bus	33	* † Champaign
Foster, Wilma Gertrude	LAS	60	* † Atlanta
Fouch, Bernard C	EE		* † Garrett, Indiana
Fouger, Charles Gilbert	Bus		* † Odell
Foulds, Blair	Eng		* † Chicago
Foulk, Lajoie Jessie	Bus		* † Benton
Foulk, William Francis	Bus		* † Benton
Fouser, John Ream	EE	106	* † Joliet
Fouts, George Miller	Bus		* † Cuba
Fouts, Willard Hayes, D.D.S., 1918	Law		* † Champaign
Fowler, Basil Dolf	FC		* † Loganapolis, Indiana
Fowler, Chrystal Fern	HELAS (SS)	63	* † Metropolis
Fowler, Edna Lucille	SS	24½	* † Irving
Fowler, Titus Wood	EE	40	* † LaGrange
Fox, Arthur Woodworth	RA	28	* † Palestine
Fox, Everett Raymond	Accy		* † Wood River
Fox, Ernest Franklin	LAS	33½	* † East Alton
Fox, Fred Holden	Bus	30	* † Davenport, Iowa
Fox, Herman	IA	64	* † Chicago
Fox, Jared Wightman	Bus	32	* † Chicago
Fox, Lloyd M	ME		* † Palestine
Fox, Mildred Louise	LAS	61	* † Richmond, Virginia
Fox, Morris	Bus	35½	* † Chicago
Fox, William Lyle	Accy	30	* † Watseka
Fraker, Elizabeth	LAS		* † Shelbyville
Francis, Anna Estelle	HEAgr		* † New Lenox
Francis, John E, Jr.	FOM	104	* † New Lenox
Francis, Lester Arthur	Bus		* † Freeport
Frank, Paul Howard	EE		* † Plano
Frank, Raymond William	Bus	68	* † Freeport
Frankenfeld, Justus Carl	Agr	35	* † St. Charles, Missouri
Frankenfeld, Ralph Louis	Agr	48	* † St. Charles, Missouri
Franklin, Mary Barber	Bus	60	* † Champaign
Franklin, Ruth	LAS	69	* † Spring Valley
Franklin, Ruth Anne	LAS	48	* † St. Louis, Missouri
Franklin, Stella Corine	Bus	24	* † Cedar Rapids, Iowa
Franklin, William R	CL (SS)	58	* † Rockford
Franks, John	EE		* † Oak Park
Fransen, Walter Sigfred	Ed	96	* † Woodhull
Frantz, Myron Daniel	PreM	22	* † Metcalf
Fraser, Willard Elwyn	Arch	69	* † Davis Junction
Frazee, William Havens	AC (SS)	28	* † Rushville, Indiana
Frazier, Charles Robert	Bus		* † Chicago
Frazier, Raymond Grant	Bus		* † Chicago
Frazier, William Fowler	SS	5½	* † Georgetown

Freas, Ida M	LAS	65	* † Milledgeville
Frederick, Joy Thompson	Agr	103	* Walnut
Frederick, Marie Katherine	SS	36	* Galesburg
Frederickson, Joseph Robert	Accy	61½	* † Champaign
Fredricks, Leland Oswald	Bus (SS)	106½	* † Joliet
Fredricksen, Henrik Axel	Bus	97	* † Rockford
Freeberg, Oscar Willard	Accy	64	* † Montevideo, Minnesota
Freed, Robert Byron	LAS	23	* † Rockville, Indiana
Freeman, Constance Hermine	LAS	31	* † Evanston
Freeman, Ralph Waldo	PreM	33	* † Ogden
Freeman, Richard Walter	Chem	34	* † Medina, New York
Freeman, William Abner	Bus		* † Palestine
Freese, Bernice Leone	Bus	120	* † Ogden
Freiberg, Frederick A	AE	64	* † Chicago
French, Caroline Kennedy	LAS	33	* † New Castle, Indiana
French, Claude Mark	SS	9½	* † Kent, Washington
French, Gordon Gillespie	Bus		* † Chicago
French, Junius Butler	Bus		* † Evanston
French, Marjorie S	LAS	32	* † Chicago
French, Roy	AC		* † Appleton City, Wisconsin
Freselle, Raymond Carl	AE	31	* † Balavia
Freytag, Theodore Julius William	PreM (SS)	66	* † Naperville
Frick, Eugene Herbert	Flor	53	* † Urbana
Fried, Bernard Allen	PreL	66	* † Chicago
Friedlander, Nathan	Bus	28	* † Gary, Indiana
Friedlander, Robert	Bus	32	* † Chicago
Friedlander, Sam Morris	PreL		* † Peoria
Friedli, Alfred	SS	16½	* † St. Louis, Missouri
Friedman, Bernard R	Bus	61½	* † East Chicago, Indiana
Friedman, Casil Harold	PreL		* † East Chicago, Indiana
Friedman, Leon Herbert	Bus		* † Danville
Friedman, Louie Dave	Bus		* † Peoria
Friedman, Max Marks	Bus	63	* † East Chicago, Indiana
Friedman, Olin Edmunds	SS	64	* † Herscher
Friedman, Samuel	CE	98	* † Chicago
Friedman, Seymour	Bus		* † Chicago
Frier, Florence Naoma	HEAgr	63	* † Benton
Frier, Harry Wendell	LAS		* † Benton
Frisbey, Mrs. Cecil Dorothy	SS	16½	* † Lacon
Fritchey, Theodore Augustus	AE		* † Urbana
Fritschle, Alice E	LAS	69	* † Olney
Fritts, Denald Medford	Eng	36	* † St. Joseph
Fritts, Robert Emmett	Bus	32	* † Couden
Frost, Charles Robert Watson	Bank	18	* † Winchester
Frost, Millard Inwood	AE	35	* † Evansville, Indiana
Frutiger, Gustav Theodore	Bus	95	* † Olney
Fry, Berwyn Joseph	CE	99½	* † Manistiquie, Michigan
Fry, Elizabeth	LAS	32	* † Chicago
Fry, Florence Wilma	LAS	98	* † Chicago
Fry, Kathryn	LAS		* † Bushnell
Fry, Orville Elmer	IA		* † Chatham
Fry, Rosemonde Donnabelle	Mus	34	* † Champaign
Frye, Howard P	Agr	130½	* † Capron
Frye, Margaret Elizabeth	LAS	98	* † Elkhart, Indiana
Fudge, Joseph Franklin	Agr	99	* † Pittsfield
Fues, Ernest Frederick	EE		* † Woodstock
Fuhrmann, Carl John	LAS	38	* † Wilmette
Fullenwider, Emily Margaret	LAS	23	* † Mechanicsburg
Fuller, Earnest M	AE		* † Princeton
Fuller, Frances	SS	20	* † Joliet
Fuller, Francis Hubert	Law		* † Princeton, Missouri
Fuller, Lorene Jeanie	LAS	94½	* † Princeton, Missouri
Fuller, Nanny Curtis	SS	15	* † Ludlow
Fuller, Nathan Frederick	Agr	34	* † Chicago
Fuller, Terryl Fred	SS	100½	* † Carmi
Fullerton, Frances Alice	LAS		* † Tuscola
Fullmer, Bonnell Bruce	HEAgr		* † Urbana
Fullmer, Frank J	LAS		* † Spokane, Washington
Fulton, Blanche Bernice	LAS	102	* † Hammond
Fulton, Ernest Ballentine	Agr		* † Sparta
Fulton, James Peter Augustus	Bus	58	* † Hartford City, Indiana
Fulton, Mabel Etta	LAS	18	* † Toronto, Canada
Fulton, Thompson	ME		* † New Boston
Fultz, Lileth Cleo	HELAS		* † Fairbury
Fung, Wai Sun	SS	97	* † Manila, Philippine Islands
Funk, Eleanor Olive	LAS	59	* † Tinley Park
Funk, Eugene Duncan, Jr.	Agr	95½	* † Shirley
Funk, Harold Leslie	EE	130	* † Urbana
Funk, John Christian	Bus	112	* † Danville
Funk, Mary Adell	HEAgr	124	* † Urbana
Funk, Paul Allen	Agr		* † Shirley
Funk, Stanley Louis	Bus	112½	* † Manchester
Funk, Theodore	Agr		* † Shirley
Funk, Marie Esther	PreL	36	* † Edwardsville
Funston, Mabel Elizabeth	LAS		* † Chicago
Fuqua, Clarence Nathan	Ed (SS)	124	* † Dalton City

Fuson, Alvin Albert	PreM	38	* † Wakefield
Fussa, Isidore	SS	17	Rincon, Porto Rico
Gabbert, Martha Isabel	Ed (SS)	84	* † Mattoon
Gadient, Charis Henck	ME	55	* † Rock Island
Gadient, Frank J	Bus		* † Rock Island
Gage, Albert Ernest, Jr.	Bus	38	* † Chicago
Gahan, Keith Dennis	Bus		* † Jamaica
Gaines, Dorothy Lucinda	HELAS	66	* † Indianapolis, Indiana
Gaissler, Caio Graccho de Souza	EE	108	* † Curitiba, Brazil
Gajda, Lois Wladyslawa	Jnl		* † Chicago
Galbraith, Rowena Uimiu	Ed (SS)	84½	* † Fairfield
Gale, Edwin O	SS	130½	* † Oak Park
Galgano, John Henry	PreL		* † Chicago
Galinsky, Jacob	PreM	33	* † Chicago
Gallagher, Milton	Chem	35	* † Peru
Gallant, Otis Malcolm	Law		* † St. Louis, Missouri
Gallion, Arthur Banta	Arch	110	* † Urbana
Gallivan, Gerald Joseph	Accy	67½	* † Urbana
Gallivan, Raymond Patrick	AC		* † Urbana
Gallivan, Sister Ricarda	SS	39	* † Urbana
Gallivan, Timothy Joseph	Bus	61	* † Urbana
Galloway, Mary Elizabeth	LAS	61	* † Little Rock, Arkansas
Galt, Robert Harvey	LAS	53	* † Winter Park, Florida
Gamble, John Franklin	Agr		* † Grant Park
Gano, Walter Aaron	Flor		* † Martinsville, Indiana
Ganote, Roy Gentry	LAS	25	* † East St. Louis
Ganschietz, Joe William	AE	35	* † East St. Louis
Garber, Irene Louise	Ed	61	* † Chicago
Gard, Edmund Sehon	Agr	96½	* † Springfield
Gardey, Erhardt Julius	REE	85	* † Saginaw, Michigan
Gardiner, Margaret Farmer	LAS	81	* † Chicago
Gardner, Franklin T	Chem	112	* † Tulsa, Oklahoma
Gardner, George Dewey	SS	8½	Arkansas City, Kansas
Gardner, George Ellsworth, Jr.	Bus	26	* † Tulsa, Oklahoma
Gardner, Harry Robert	CE	107½	* † Warren
Gardner, Homer Frank	CE	119½	* † East St. Louis
Gardner, J Paul	Agr		* † Urbana
Gardner, Leo M	Law		* † Murphysboro
Gardner, Lyle Burdette	CerE	38	* † Warren
Gardner, William Jennings	SS		Belcourt, North Dakota
Garetson, Frank Albert	SS	4½	Berkeley, California
Gargan, Joseph Edward	AC	106	* † Stmsbury, Connecticut
Garlick, Fred	Bus		* † Chicago
Garman, Tom McWilliam	AC	22½	* † Urbana
Garner, Lloyd Preston, B.S., 1923	EE (SS)	4	* † Agricultural College, Miss.
Garner, Sara Charlotte	HELAS	60	* † DeKalb
Garns, Howard Scott	AE	36	* † Indianapolis, Indiana
Garrett, Clifford Dewey	IEd	18½	* † Mt. Carmel
Garretson, Ruth Constance	Mus		* † Chicago
Garretson, William Gordon	EE		* † Girard
Garrett, Orlando Ford	Agr	33	* † Metropolis
Garrison, Bessie Eunice	SS	17½	* † Centralia
Garrison, Earl Raymond	Agr	35	* † Centralia
Garrison, Mark Anthony	SS	74½	* † Rushville
Garrison, William Homer	ME	64	* † White Hall
Garstang, Gladys Eloise, B.S., 1923	Lib (SS)	6	* † Urbana
Garvey, Helen Marie	LAS unc		* † St. Joseph, Missouri
Garvey, Neil Ford	Ed (SS)	111½	* † Illinois
Garvin, Henry B	LAS	17	* † Champaign
Garvin, Noah	Ed	102	* † Champaign
Garvin, Wiley B	SS	115½	* † Champaign
Gary, Aden Childs	LAS	23	* † Wheaton
Gasen, Sara	HELAS (SS)	101	* † Virden
Gassman, Lawrence Charles	LAS		* † Lena
Gaston, Helen Phebe	HELAS (SS)	81	* † Champaign
Gates, George Arthur	EE		* † Dixon
Gates, Nathan	LAS	100½	* † Chicago
Gates, Ruth Irene	HELAS		* † Chicago
Gates, William Spaulding, Jr.	ICE		* † Tuscola
Gathercoal, James Lester	LAS		* † Chicago
Gauger, Raymond Julius	AE	72	* † Wilmette
Gauthier, Genevieve	LAS	27	* † Charles City, Iowa
Gavora, Stephen	Chem		* † Hammond, Indiana
Gay, William Burton	Accy	67	* † Chicago
Gaynor, Robert	LAS		* † Jamestown, New York
Gebhardt, Charles Frederick	ME		* † Bridgeport
Gebhardt, William Henry	Bus	96	* † Chicago
Gebson, John Thomas	Law	56	* † Chicago
Geddes, James Madison	CL		* † Muskogee, Oklahoma
Gee, Dorothy Verna	LAS	100½	* † Danville
Gee, Guy Kenney	Agr (SS)	115½	* † Lawrenceville
Geelan, Ruth Helen	LAS		* † Paxton
Gehlbach, Alton Frederick	Bus	32½	* † Champaign
Gehlbach, Lee	FA	118	* † Lincoln
Geiger, Edna Carrie	Ed	107	* † Beason
Geiger, Harold Louis	LAS		* † Cissna Park
			* † Oshkosh, Wisconsin

Geiger, Joseph Simon	<i>CerE</i>	35	* †	Ottawa
Geis, Clarence George	<i>Bus</i>	14½	* †	Enid, Oklahoma
Geissler, Charles Robert	<i>Bus</i>	28	* †	Oak Park
Gelder, Sylvia Freda	<i>PreL</i>		*	Joliet
Gellert, Charlotte M	<i>LAS</i>	106	* †	Chicago
Gelwick, Corwin William	<i>Bus</i>	34	* †	Danville
Geneva, William Blaine	<i>SS</i>	10		Bloomington
Genre, Duane Joseph	<i>Agr</i>	71	* †	Greenville
George, Harold Colman	<i>Bank</i>		* †	Springfield
George, Lovell Watkins	<i>Law</i>	20	* †	Olney
George, Robert Slocum	<i>SS</i>	51		Painesville, Ohio
Georgioff, Bogomil	<i>Bank</i>	115	†	Razgrad, Bulgaria
Gerber, Louis	<i>ChE</i>	61	* †	Chicago
Gerber, Marcel Michael Joseph	<i>IA</i>		* †	Chicago
Gerdes, William Frederick, Jr.	<i>CE (SS)</i>	107	* †	Quincy
Gere, Genevieve	<i>LAS</i>	32	* †	Urbana
Gere, George Everett	<i>PreL</i>		* †	Urbana
Germer, Albert Edward, Jr.	<i>PreL</i>		* †	Lombard
Gettel, George Henry	<i>EE</i>	76	* †	Fisher
Gettel, Oliver Jacob	<i>Law</i>		* †	Fisher
Gher, Reginald Owen, B.S., 1923	<i>SS</i>			Allendale
Giacomelli, Geno John	<i>Law</i>	27	* †	Ladd
Gibbons, Lesta Moran	<i>LAS</i>	95	*	Cleveland, Ohio
Giberson, Eugenia Leone, B.S., 1922	<i>SS</i>			Alton
Gibson, Charles Henry	<i>Arch</i>	36	* †	Chicago
Gibson, Edith May	<i>LAS</i>		* †	Memence
Gibson, Ethel Mary	<i>LAS</i>	68	* †	Glendale, California
Gibson, Frances Alice	<i>Bus</i>	30	* †	Sioux City, Iowa
Gibson, Geneva Bush	<i>Jnl</i>	98	* †	Sheldon
Gibson, James Dick, B.S., 1921	<i>Law</i>	56	* †	Muskogee, Oklahoma
Gibson, James Hamilton	<i>IA</i>	29	* †	Chicago
Gibson, John Thomas	<i>Law</i>		* †	Muskogee, Oklahoma
Gibson, Lettie Louise	<i>LAS unc</i>		* †	Urbana
Gibson, Mary Leon Caroline	<i>LAS</i>		* †	Chicago
Gibson, Mary Lucile	<i>SS</i>	41½		Urbana
Gibson, Ralph K	<i>Bus</i>		*	Cairo
Gibson, Ruth Minier	<i>LAS</i>	14	*	Villa Grove
Gibson, Thelma Grace	<i>LAS</i>	24	* †	Chicago
Gibson, William Alexander	<i>Bus</i>	30	* †	Glendale, California
Giesecke, Hulda C	<i>Mus unc</i>		* †	New Braunfels, Texas
Gilsecke, Minnie	<i>Ed</i>	140	* †	Austin, Texas
Giesecke, Raymond Henry	<i>Accy</i>		* †	Chicago
Gieseking, John Eldon	<i>Agr</i>	30	* †	Allamont
Gieske, Raymond Franklin	<i>LAS</i>	26	* †	Barrington
Glessow, Thelma	<i>LAS</i>	104	* †	St. Louis, Missouri
Giffin, Louis McAllister	<i>AE</i>	68½	*	Fairmont, West Virginia
Giffin, Veva Mary	<i>SS</i>	134		Charleston
Giffing, Harry John	<i>RA (SS)</i>	32	* †	Champaign
Gilbert, George William	<i>ChE (SS)</i>	71	* †	Peoria
Gilbert, Leonard Beck	<i>Bus</i>	35	* †	Waukegan
Gilbert, Marvin Stewart	<i>Bus</i>	101	* †	Chicago
Gilbert, Wayne Aaron	<i>Agr</i>	33	* †	Loami
Gilchrist, Evan Albert	<i>SS</i>	8½		Macomb
Gilchrist, Leonard Edward	<i>LAS</i>		* †	Cairo
Giles, Ralph Wilbur	<i>Jnl</i>	11½	* †	Watseka
Gill, Buford H E	<i>Accy</i>	45	†	Paris
Gill, Claude Frank	<i>EE</i>		* †	St. Louis, Missouri
Gill, Harriett Roberta	<i>Bus</i>	97	* †	Urbana
Gill, Vaughn Arthur	<i>AC</i>		* †	Della, Ohio
Gillaspey, Clarence James	<i>Ed unc</i>		*	Gunnison, Colorado
Gillen, James Watson	<i>Bus</i>		* †	Berwyn
Gillen, Mary	<i>Lib unc</i>		* †	Stillwater, Minnesota
Gillespie, David Alexander	<i>Bus</i>		* †	Ogden
Gillespie, Durwin Dean	<i>EE</i>		* †	Wilmette
Gillespie, Frank S	<i>SS</i>	136		Springer, New Mexico
Gillespie, Frank Smith	<i>PreL</i>	27	*	Cairo
Gillespie, Fred Davidson, Jr.	<i>PreL</i>	62	* †	Harris
Gillespie, Landon Moore	<i>Bus</i>		* †	Springer, New Mexico
Gillespie, Martha	<i>LAS</i>	65	* †	East St. Louis
Gillespie, Russell G	<i>Arch</i>		* †	LaFayette, Indiana
Gillett, Lewis Todd	<i>Accy</i>	66	* †	Aurora
Gillfillan, Maurice Lloyd	<i>Eng</i>	34	* †	Watseka
Gillick, Irving Trimm	<i>PreL</i>	10½	* †	Park Ridge
Gillison, Grace Victoria	<i>SS</i>	8		Westville
Gillson, James Herbert	<i>SS</i>	95		Westville
Gilman, Alfred Truesdell	<i>AE</i>	78	* †	Belvidere
Gilman, Lydon Ainsworth	<i>CE</i>	75	* †	Kansas City, Missouri
Gilmore, Ethel Mildred	<i>LAS</i>		* †	Gibson City
Gilmore, Franklin	<i>SS</i>	133		Oak Park
Gilmore, Julia Clare	<i>Mus Ed</i>	60	* †	Newton
Gilmore, William Young	<i>Agr</i>	56½	* †	Oak Park
Gilpin, Fred Peterson	<i>EE (SS)</i>	112½	* †	Kansas City, Missouri
Gilsdorff, Howard Henry	<i>Bank</i>	61	* †	Chicago
Gilson, Henry Francis	<i>AC unc</i>	42	* †	Chicago
Gilson, Robert Hiram	<i>SS</i>	145½		Blue Island
Gilson, William Benjamin	<i>Bus</i>		* †	Blue Island

Gilster, Herman Henry	FC		* † Chester
Gindler, Charles Albert	Bus		* † Collinsville
Ginnaven, Sara Nannette	LAS	74½	* † Springfield
Ginnings, Defoe Childress	LAS	60	* † Macomb
Ginter, Ronayne Alfred	Bus		* † Peotone
Gipson, Charles Franklin, B.S., 1923	SS		* † Amboy
Given, Jack Greenfield	Bus	61	* † East Chicago, Indiana
Glaeser, Elmer William	Law	30	* † Chicago
Glandon, Martha Eleanor	SS	9	* † Pittsfield
Glanzner, Elvera	HEAgr	99	* † Trenton
Glasbrenner, William John	SS	½	* † Csjin, Wisconsin
Glasgow, Leland Elbert	Bus		* † Monticello
Glasgow, Olalla Elaine	LAS		* † Gardner
Glasgow, William Lester	Law	38	* † Monticello
Glassford, George Bradley	EE (SS)	61	* † Chicago
Glenn, Edgar Wilson	IEEd	94½	* † Urbana
Glenn, Matthew Wyman	SS	118½	* † Mt. Vernon
Glenn, Maude	HELAS (SS)	48	* † Mt. Vernon
Glenn, Roberta Gertrude	LAS		* † Urbana
Glennon, Elmore Roy	LAS		* † Chicago
Glenwright, John, Jr.	Accy	67	* † Springfield
Glicken, Maurice Jerome	AE	121½	* † Chicago
Glos, Raymond E	Accy (SS)	70	* † Wayne
Glynn, Sister Mary Vincent	SS	19	* † Nauvoo
Gobel, Janet Canfield	Accy		* † Springfield, Ohio
Goble, Richard Brackett	LAS		* † Winnetka
Goda, Lester Harry	Bus	32	* † Chicago
Goddard, Austin Jay	Bus	30	* † Davenport, Iowa
Goddard, John Henry	FOM	70	* † Monmouth
Goddard, Leland Paul	Bus	70	* † Forest Park
Godeke, Frank Bernhard	Law		* † Olney
Godsell, Joseph James	LAS		* † Philo
Goebel, Eunice Cooksey	LAS	75	* † Urbana
Goebel, Oscar Hubert	Bus	55	* † Evansville, Indiana
Goebel, Ralph Nicholas, B.S., 1923	SS		* † Sheridan, Wyoming
Goedde, Florence Henrietta	LAS	97	* † Chicago
Goelitz, Mildred June	LAS	78	* † Ravinia
Goetz, Leonard Clifford	CE	58	* † Collinsville
Goff, Frances Melissa	LAS	66	* † Colorado Springs, Colorado
Goff, Joseph Richard	ME (SS)	112	* † Colorado Springs, Colorado
Goldblatt, Irving Eli	Bus	16	* † Chicago
Goldboss, Earl	Bus		* † Chicago
Goldenberg, Henry Eugene	EE		* † Kansas City, Missouri
Goldring, Harold	LAS	8	* † Chicago
Goldman, Sidney Herbert	Bus	30	* † Gary, Indiana
Goldman, Solly Herbert	Bus		* † Gary, Indiana
Goldsmith, Bernhard	CCS		* † Chicago
Goldsmith, Gladys Bernice	LAS		* † Champaign
Goldsmith, Inez I	Jnl	1½	* † Champaign
Goldstein, Bertha	Mus	34	* † Chicago
Goldstein, Harold Marvin	Bus	33	* † Chicago
Goldstein, Herbert	LAS		* † Chicago
Goldthorp, Dexter Wood	LAS		* † Yonkers, New York
Good, Allan James	SS	103½	* † Kewanee
Good, Harry Carleton	Bus		* † South Bend, Indiana
Goodall, Harriet Moore	SS	91	* † Marion
Goodall, John Cobb	LAS	67	* † Carbondale
Goodall, Virginia May	Ed	90	* † Capron
Goode, Franklin Clayton	PreL		* † Morris
Goodell, Alita	LAS		* † Beardstown
Goodell, Harvey Leeper	CE	72	* † Beardstown
Goodell, Helen Elizabeth	Ed	107	* † Loda
Goodell, Hubert Ellis	CE	97½	* † Beardstown
Goodfellow, Ferdinand Chase	LAS	14	* † Peoria
Goodheart, Edmund James	CE	76	* † Chicago
Goodheart, William Raymond, Jr.	PreM	73¾	* † Chicago
Goodman, Claire	Eng	71	* † Evanston
Goodman, David Frederick	Accy (SS)	44½	* † Carthage
Goodman, Grace Lillian	LAS		* † Evanston
Goodman, Max Joseph	Bus		* † Terre Haute, Indiana
Goodman, Reva Louise	LAS	29	* † Carmi
Goodman, Robert Louis	LAS		* † Champaign
Goodrich, Albert Herbert	LAS (SS)	128	* † Champaign
Goodrich, Owen Rufus	RT	95	* † Peoria
Goodrick, Helen Chester	LAS		* † Shelbyville
Goodrick, Thelma Margaret	LAS		* † Shelbyville
Goodwillie, Walter Fahlon	Bus	60	* † Chicago
Goodwin, James William	LAS	33	* † Frankfort, Indiana
Goodwine, Ethan James	LAS		* † Potomac
Gould, Robert Harold	Bus	63½	* † Yates City
Gordon, Donald A	PreL	19	* † LaCrosse, Wisconsin
Gordon, Hope Louise	HELAS	55	* † Alta
Gordon, Howard Reynolds	SS	8¾	* † Ipswich, Massachusetts
Gordon, Joseph	LAS	12	* † Chicago
Gordon, Lenore Alexandria	LAS	43	* † Glen Ellyn
Gordon, Russell Mark	IA	82	* † Pontiac

Gore, Forrest Bird, B.S., 1923	Law (SS)	89½	* †	Carlinville
Gorenstein, Edward Abraham	Bus	82	* †	Chicago
Gorham, Donald Irving	SS	8		Britton, Michigan
Gorham, Merrill Hart	Jnl		* †	Rockford
Gosman, Olivia Ann	LAS	89	* †	Jasper, Indiana
Gostelow, Willard Franklin	LAS	12½	* †	Ottawa
Gough, Fayette	Bus	64	* †	Centralia
Gould, Daniel Bromley	AC		* †	Chicago
Gould, Edwin Malcolm	SS	61½		Waltonville
Gould, Forest DeWitte	LAS	63½	* †	Osego, Michigan
Gould, Wilfred Edwin	Agg	67	* †	Monteater, Missouri
Gouwens, Robert Harold	Accy		* †	South Holland
Gower, Virgil	Bus	32	* †	Mendota
Gower, Walter Eugene	LAS	72	* †	Odell
Grabowski, Michael Kaymer Victor	CE	29	* †	DuBois
Grace, Herman Wallace	LAS	28	* †	Keensburg
Grady, Edward Leo	LAS unc		* †	Chicago
Grady, Guy Randall	ME	113	* †	Joliet
Grady, Sister Rose Marie, A.B., A.M., 1920, 1923	SS			Melrose, Iowa
Graham, Claire Embley	LAS	79	* †	Abingdon
Graham, Clarissa Margaret	LAS		* †	Champaign
Graham, Elizabeth Dorothy Anne	LAS		* †	Tampico
Graham, Frank Shipley	Ed	79	* †	Hindsboro
Graham, George Harold	LAS	67	* †	Chicago
Graham, Katherine M	Jnl		* †	Springfield
Graham, Lee	PreM		†	Ursa
Graham, Lillian Mary	SS	8½		East Moline
Graham, Madge	Bus		* †	Tampico
Graham, Marcella	Jnl	114½	* †	Chicago
Graham, Orland Lee	LAS		* †	Ursa
Graham, Ray	SS	9		Waterloo, Iowa
Grampp, John Ralph	EE	81	* †	Minonk
Granacher, Edward T	Jnl	36	* †	Chicago
Grange, Harold Edward	LAS	30	* †	Wheaton
Granger, Charles Welling	SS	8		Jackson, Missouri
Granlund, Malvin Fred	EE	36	* †	Park Ridge
Grant, Joseph Glenard	Bus	100	* †	Harrisburg
Grant, Mary	SS	14½		Marion
Grant, Walter	Eng		* †	Tonica
Gratch, Hymen Sydney	CL		* †	Chicago
Gratian, Katharine	HEAgr		* †	Alton
Gratiot, Florence Adele	LAS		* †	Chicago
Grau, Frederick Jericko	FC	57	* †	Mt. Pleasant, Iowa
Graves, John Ralph	Agg	53	* †	Downers Grove
Graves, Kenneth Osborn	LG	83½	* †	Chicago
Graves, Oliver Willard	AC unc		* †	Duncan
Graves, Thomas Edwin	RA	6	* †	Downers Grove
Gray, Ann Winifred	Ed	106	* †	Urbana
Gray, Helen Frances	Ed (SS)	67	* †	Springfield
Gray, Louise Lillian	LAS		* †	Chicago
Gray, Louise Sylvester	HELAS	33	* †	Chicago
Gray, Mildred Arlene	LAS	11	* †	Kankakee
Gray, Ralph Earnest	PreM		* †	Maywood
Gray, Viola Mae	SS	106¾		Urbana
Gray, Walter Scott	EE	72	* †	Springfield
Gray, Wood	Jnl		* †	Petersburg
Greaber, Anna Faye	LAS		* †	Champaign
Greathouse, Bernice	HELAS	94	* †	Toledo
Green, Drue Alfred	Law	47	* †	Parkersburg
Green, James Floyd	AC		* †	Kewanee
Green, John Hart	Bus		* †	Urbana
Green, Jonathan Paul	LAS		* †	Moline
Green, Mildred Amelia	SS	22		Nokomis
Green, Paul Gilbert	PreM		†	Grayville
Green, Vivian Julius	Agg (SS)	117	* †	Fithian
Green, William Albert	SS	8		Witt
Green, William Edward	Eng		* †	Urbana
Green, William Joseph	CE		* †	Rockford
Green, Winifred	HELAS	103	* †	Oakwood
Greenberg, Solomon	CE	89	* †	Chicago
Greene, George Davidson	EE		* †	St. Louis, Missouri
Greene, Grace Margaret	LAS	29	* †	Naperville
Greene, Helen	Bus	30	* †	St. Joseph
Greene, Joseph William	EE	37	* †	East St. Louis
Greene, Myal Crawford	SS	8½		Arkadelphia, Arkansas
Greene, Rosemary Margaret	Mus	2	* †	East St. Louis
Greene, Russell Henry	FC		* †	Sterling
Greenleaf, Samuel Floyd	SS	35½		Waukegan
Greenwald, David Paul	Accy	62½	* †	Hammond, Indiana
Greenwill, Thomas Basil	AC	83	* †	Farmington
Greenwood, Nettie May	SS	12½		Odell
Greer, DeEtta Iona	HELAS	37	* †	Urbana
Greer, Russell Allen	Law		* †	East St. Louis
Gregg, Glenn Warren	AC	57½	* †	Champaign
Gregg, John Wyatt	Arch	117¾	* †	Champaign



Gregory, Charles Edwin, Jr.	Bus	27	* † Chicago
Gregory, Harold Percy	Arch	14	* † Percy
Gregory, Helen	HELAS		* † Normal
Grenley, Richard Edward	Bus		* † Chicago
Grethe, Leonora Lena	SS	9	† Decatur
Grethe, Ottoline Feekeline	SS	6	† Decatur
Grieser, Virginia Frances	HELAS		* † Quincy
Gridley, Edna Irene	LAS	12	† Harvey
Griffin, Bryan	SS	7½	* † Geary, Oklahoma
Griffin, Edwin David	Agr	98	* † New Athens
Griffin, Frances Elizabeth	LAS	16	* † Grant Park
Griffin, Judson Roy	LAS (SS)	98½	* † Elkhart, Indiana
Griffin, Stephen William	Agr (SS)	104	* † New Athens
Griffith, James Curtis	Agr	20	* † Oblong
Griffiths, George Whitfield	AC	3½	* † Milburn, New Jersey
Griggins, Louis Stanley	CL	24	* † North Chicago
Griggs, Helen Mary	LAS	30	* † Chicago
Grigsby, Chester Earl	CerE		* † Bruceville, Indiana
Grim, Robert Frederick	LAS	26	* † LaGrange
Grimes, Helen Margaret	Mus	35	* † Urbana
Grimm, Gretchen	SS	1½	† Urbana
Griswold, Courtland Sherman	PreM		* † Brooklyn, New York
Grochowski, Thaddeus A	ME		* † Chicago
Groffmann, Russell Cyrus	PreL	16½	* † St. Louis, Missouri
Grogan, Clarence R	AC	78	* † Otterbein, Indiana
Grogan, Glenroy Gardner	CerE	68	* † Des Plaines
Grogan, Matthew Ellsworth	Arch		* † Long Beach, California
Groh, Nelle Marie	SS	130	† Port Byron
Grosch, Albert Edwin	Bus	101	* † Centralia
Groshong, Lydia Morene	SS	5	† Venice
Gross, Herman Alphonse	PreM	30	* † Harvey
Gross, John Arthur	LAS		* † Chicago
Gross, Meda Floy	SS	120	† Ogden
Gross, Millard	Bus		† Chicago
Gross, Roland Albert	LAS	81	* † Chicago
Gross, Thusenelda Celestia	LAS (SS)	93½	* † Grand Rapids, Michigan
Gross, Walter Henry	Accy	109	* † Urbana
Grossart, Charles Richard	Bus	67	* † Buckley
Grosskoff, Charles Edward	CE (SS)	106	* † Belleville
Grossman, Charles C	IA	33½	* † Michigan City, Indiana
Grossman, Edwin Peter	LAS	30½	* † Urbana
Grossman, Lester Nathaniel	LAS		* † Chicago
Grossman, Thelma	LAS	69	* † Chicago
Grosstephan, Arthur Rudolph	FOM	69	* † St. Louis, Missouri
Grout, Joch Rupert, Jr.	CerE	75	* † Chicago
Grout, John Berthold	Bus	33	† Rockford
Grover, Brandon Ted	SS	7½	† Athens, Ohio
Grover, Mary Lucinda	LAS (SS)	16	* † Marengo
Gruenberg, Axel Archibald	LAS	78	* † Detroit, Michigan
Grylich, Raymond Edward	ME (SS)	30½	* † Champaign
Guard, Alexander, Jr.	AE		* † Champaign
Guegel, William Arthur	EE		* † Quincy
Guenther, Otto Hugo	Agr unc (SS)	65	* † Urbana
Guernsey, Donald Lewis	Chem	30½	* † Vincennes, Indiana
Guernsey, Roy Donaldson	Accy	65	* † Bound Brook, New Jersey
Guest, Paul Lynn	Agr		* † Blue Island
Guild, Wilbur Gilfillan	CE	125½	* † Bloomington
Guilinger, Lillian Althea	SS	6	† Monmouth
Guiney, H Gilbert	Arch		* † Sioux City, Iowa
Gulick, Catherine	LAS	49	* † Champaign
Gulick, Louise Elizabeth	LAS		* † Urbana
Gulick, Margaret	PreM	32	* † Champaign
Gulmyer, Reginald Joseph	Bus	95	* † Elkhart, Indiana
Gunderson, Virginia	LAS		* † Oak Park
Gundlach, Wallace Charles	LAS	122	* † St. Louis, Missouri
Gunn, Alan Murray	Bus		* † Arcola
Gunn, Horace Edison	LAS	30	* † Danville
Gunnarson, Albert Hans, Jr.	LAS		* † Chicago
Gunning, Sister Mary Gerard	SS	24½	† Springfield
Gurley, Margaret Josephine	LAS		* † East Orange, New Jersey
Gustafson, Harold Edward	Bus		* † Rankin
Gustafson, Ray Theodore	Bus		* † Chicago
Gustavison, Floyd Elmer	Bus	61	* † Kingston
Gustavison, Frances Julia	Jnl		* † Maywood
Gustin, Harold Wilbur	CerE		* † Muncie
Gustin, Robert Alpheus	Jnl	11	* † Harrisburg
Gutzell, Marjorie Jane	Ed	64	* † St. Louis, Missouri
Guy, Raymond Chappell	Bus		* † Chicago
Gwin, Russell	MinE		* † Carlinville
Gwinn, Andrew B	SS	156½	† Champaign
Gwinn, Bessie Duff	LAS	103½	* † Terre Haute, Indiana
Gwinn, John Fulton	Agr	74	* † Champaign
Gwinn, Marian	LAS	5	† Champaign
Gyger, Kenneth MacVeagh	PreL	25	* † Princeton
Haas, Eli Samuel	CHE	101	* † Chicago
Haas, Milton Carl	Bus	33	* † South Bend, Indiana

Habbegger, Fred Louis	CL	30	* †	Pocahontas
Hackbarth, Alfred Ernest Frank	PreL	35	* †	Champaign
Hackbarth, Herbert August	EPH		* †	Champaign
Hackett, Warner Theodore	Bus		* †	Evanston
Hackleman, Marion Frederick	Bus		* †	Bedford, Indiana
Hackley, Ruth Gertrude	Bus	34	* †	Urbana
Hackman, Irwin	Agr		* †	Topeka
Hackman, Lydia Gesina	LAS	4½	* †	Athens
Hadam, Beatrice Elizabeth	LAS	30	* †	Chicago
Haddick, Ralph Pryce	Bus	97	* †	Moline
Hadfield, Harold William	EE	32	* †	Collinsville
Hadley, Margaret Hannah, A.B., 1922	SS			Winnethka
Hadley, Rosalind Amelia	LAS	31	* †	Chicago
Hadley, Russell	SS	7½		Russiarville, Indiana
Hadley, Wilbur Powell	Bank	75	* †	Collinsville
Hadlock, George Willard	IA	32	* †	Urbana
Haeberlin, Dorothy	LAS		* †	Chicago
Haering, Veronica Lucille	LAS	116	* †	Chicago
Hafer, Henry	LAS		* †	Chicago
Hafer, Theodore Hewitt	Agr	68	* †	Irrington
Hagan, Catherine Cecilia	SS	7		Frankfort, Indiana
Hagebush, Charlotte Anne	Ed	66	* †	Ashley
Hagee, James Flournoy	ChE	27	* †	Thayer, West Virginia
Hageman, Roy Charles	ME	60	* †	Denver, Colorado
Hagen, Fred Ellis	Agr	94	* †	Hubbard Woods
Hagener, Charles	ME	132½	* †	Beardstown
Hager, David Chester	LAS	72	* †	Columbus, Indiana
Hager, La Verne Francis	Bus	22½	* †	Barrington
Hagerty, Albert Henry	Jnl		* †	Libertyville
Hagnauer, Waldo W	ME		* †	Highland
Hahn, Earnest Sattler	Bus	6	* †	Chicago
Hahn, Gilbert John	Bus		* †	Chicago
Hahn, Junior	AC		* †	St. Charles
Hahn, Madeline Rita	SS	12½		Danville
Hahneman, Verne Leslie	Bus	36½	* †	Chicago
Haines, Byron Elbridge	EE		* †	Taylorville
Haines, Harold Frederick	Bus	32	* †	Champaign
Haines, Leonard Martin	Bus	30	* †	Belvidere
Haines, Leslie Clinton	FC (SS)	95	* †	Gurnee
Haines, Russel D	Accy	97	* †	Denver, Indiana
Hale, Dorothy	SHHEEd	101	* †	Omaha
Hale, James Norbert	Bus		* †	Anna
Hale, William Pleasant	CE	64	* †	Decatur
Haley, Kenneth Huber	Accy	87	* †	East Lynn
Hall, Alfred Houghton	Bus		* †	Greenwich Village, Mass.
Hall, Alton Gifford	PreL	34	* †	Champaign
Hall, Claude Milburn	Bus		* †	Urbana
Hall, Clifford Scoville	AC	27	* †	Walseka
Hall, Constance Louise	LAS	30	* †	Denver, Colorado
Hall, Elbridge William	Agr (SS)	76½	* †	Los Angeles, California
Hall, Gladys Gere	LAS	97	* †	Champaign
Hall, Halbert Hugo	CE	61	* †	Highland Park
Hall, Hamal Arthur	PreM		* †	Urbana
Hall, Harold Edward	LAS	31	* †	Omaha, Nebraska
Hall, Harry Archibald	Law (SS)		* †	Chicago
Hall, John Wesley	CerE	106½	* †	Baltimore, Maryland
Hall, Lewis Franklin	LAS	35	* †	Berwyn
Hall, Louise	LAS		* †	Centralia
Hall, Margaret Zella	Bus unc		* †	Byron, Oklahoma
Hall, Marjory Isabel	HELAS	54	* †	Urbana
Hall, Mary Frances	HELAS	37	* †	Sullivan
Hall, Melvin Eugene	Accy	102	* †	Carlerville
Hall, Orville A	SS	10¾		Thornton, Indiana
Hall, Pauline	LAS		* †	Centralia
Hall, Powell Storrs	Arch	112½	* †	Ripon, Wisconsin
Hall, Richard Lewis	Bus (SS)	70½	* †	Logansport, Indiana
Hall, Robert Benson	ME	75	* †	Berwyn
Hall, Rolland Harper	Bus		* †	Urbana
Hall, Ruth Alden	HELAS	27¾	* †	Highland Park
Hall, Virginia Augusta	LAS	37	* †	Oak Park
Hall, Wilford F	PreM	37	* †	Mt. Vernon
Hall, Willard S	Accy		* †	Macedonia
Hall, Willard Wayne	SS	7		Palmyra
Hallgren, Chester Frederick	CE	41	* †	Chicago
Halling, Milton E	SS	6		Lebanon
Hallock, Leland Eugene	Agr	31	* †	Ashmore
Halloin, William Gustave	CerE (SS)	81½	* †	Green Bay, Wisconsin
Hallstein, George Martin	RCE unc		* †	Pekin
Halpenny, Lawrence	PreL	32	* †	Charleston, West Virginia
Halperin, Bernard Aloysius	Jnl	28	* †	Oak Park
Halperin, Leo David	Bus	8	* †	Chicago
Halpin, Michael Philip	CE	41	* †	Springfield
Ham, Juston L	Agr		* †	Toulon
Hamacher, Adele Catherine	LAS	53	* †	Waterloo
Hambright, Dorothy Alice	LAS		* †	Decatur
Hamby, William I	Arch		* †	Dawson Springs, Kentucky

Hamilton, Carol	SS	10		Augusta
Hamilton, Ernest Foree	PreL	40½	* †	Danville
Hamilton, Mrs. Hallie Bales	SS	10½		McLeansboro
Hamilton, Helen Louise	LAS	33	* †	Newton Centre, Massachusetts
Hamilton, James Colburn	Lav		* †	Maywood
Hamilton, John Leonard, Jr.	Arch	30	* †	Winnelka
Hamilton, Joseph Roe	FOM	107	* †	Galesburg
Hamilton, Laura Elizabeth	HEAgr		* †	Hoopeston
Hamilton, Muriel	SS	9½		Augusta
Hamilton, Robert Hillry	SS	25		McLeansboro
Hamilton, Robert Rolla	SS	14½		Urbana
Hamilton, Thomas Patrick	ME	159½	†	Clinton
Hamlin, Iva Pearl	LAS (SS)	121	* †	Urbana
Hamlin, Willa Sue	HELAS (SS)	99	* †	Urbana
Hamm, Bessie Lucile	LAS (SS)	117	* †	Champaign
Hamm, Harriet Estella, A.B., 1919	LAS irr (SS)	8	* †	Champaign
Hamm, Martin Isaac	Bank	91	†	Strasburg
Hamm, William Eugene	ME	27	* †	Chicago
Hammack, Robert Gales	Agr (SS)	87	* †	Pineckneyville
Hammaker, Paul M	Bus	67	* †	Youngstown, Ohio
Hammann, Gladys Ruth	Mus		* †	Watseka
Hammen, Gertrude C	Bus		* †	Chicago
Hammer, Alfred Erle	Bank	29	* †	Chicago
Hammer, Carl Shelby	ME	64	* †	Chicago
Hammer, Thomas Jacob	Bus	101	* †	Mitchell, South Dakota
Hammer, William Horace	Bus		* †	Champaign
Hammond, Catherine Elizabeth	LAS	66	* †	Taylorville
Hammond, Olander Lyman	CerE		* †	Taylorville
Hammond, Sister Mary	SS	9		Presquille, Maine
Hampson, Herbert William	Agr unc	54½	*	DeKalb
Han, Chao Tsung	CE	21	* †	Honan, China
Hance, Paul DeWitt, Jr.	EE	72	* †	Elgin
Hance, Wayne	PreM	27	* †	Newman
Hance, Willard Oswald	AC		* †	Milwaukee, Wisconsin
Hancock, Howard Joseph	SS	½		Shullsburg, Wisconsin
Hancock, John Lawrence	Bus		†	Aurora
Hand, Herbert Lawrence	LAS		* †	Chicago
Handke, Otto Frank	Bus	89½	*	River Forest
Handlin, Mary Sarilda	SS	8		Dawson
Handtmann, John Jacob	PreM	29	* †	Chicago
Hanisch, Clarence Albert	Bus unc		* †	Oak Park
Hank, Deloris	LAS		* †	Urbana
Hank, Leonard Martin	Bus	79	* †	Urbana
Hanks, Francis Arthur	Agr		* †	Bloomington
Hanley, Loretta Theresa	LAS		* †	Jerseyville
Hanlon, Loretta M	Ed	93½	* †	Chicago
Hanlan, Robert	AC		* †	Grant Park
Hanna, Homer Hoyer	LAS	34	* †	Evanston
Hannaman, Carl Henry	Bus	30	* †	Shelbyville
Hanselman, June Dorothea	LAS	45	* †	Chicago
Hansen, Alice Marian	HELAS		* †	Brookston, Indiana
Hansen, Arne A	Jnl		* †	Chicago
Hansen, Edward Richard	PreL	30	* †	Princeton
Hansen, Grant Oscar	MinE	48	* †	Chicago
Hansen, Ida C	LAS (SS)	102	* †	Persia, Iowa
Hansen, John Wilbur	Lav		* †	Brookston, Indiana
Hansen, Robert George	REE	30	* †	Chicago
Hansen, Virginia Katherine	Flor	34	* †	Bloomington
Hansler, John Edward	ME	91	* †	Elgin
Hanson, August Hugo	LG	172½	* †	Owatonna, Minnesota
Hanson, Edward Stuntz, Jr.	Chem	98	* †	Elmhurst
Hanson, Hodge Jackson	LG		* †	Mt. Carmel
Hanson, Lorene Estella	HELAS (SS)	99	* †	Paxton
Hanson, Max E	PreL	13	* †	Murphysboro
Hanson, Robert Harry	FC	27	* †	Chicago
Hantman, Harry	Bus	28½	* †	Terre Haute, Indiana
Harbert, Grace Genevieve	Ed (SS)	72	* †	Hoopeston
Hardin, Arthur Lee	Bus unc	26	* †	Chicago
Harding, Esther Margaret	LAS	33	* †	Urbana
Harding, Florence Marie	LAS (SS)	108	* †	Champaign
Harding, Harry Gordon	LAS	116	* †	Urbana
Harding, Nina Ruth	Bus	29	†	East St. Louis
Hardy, Julian Herbert	PreL	33	* †	Chicago
Hardy, Sylvia Almata	HELAS		* †	Paris
Haren, Allis	Ed	60	* †	Kansas City, Missouri
Hargie, Lloyd Lester	Ed (SS)	85½	* †	Kansas
Hargitt, George Harold	SS	130		Aurora, Indiana
Hargrave, Edwin Elwood	LAS	34	* †	Bicknell, Indiana
Harker, Martha	LAS	32	* †	Puryear, Tennessee
Harkness, Roy Wendell	ChE	110½	* †	Yorkville
Harlan, Leon Sylvester	AE	1½	* †	Dietrich
Harlan, Marshall Oscar	Bus	98	* †	Marshall, Indiana
Harland, Lewis Elwood	Bus	35	* †	Western Springs
Harmon, Clayton John	REE	45	* †	Bloomington
Harmon, Mary Naomi	Ed	60	* †	Macomb
Harmon, Reginald Carl	Agr	35	* †	Urbana

Harms, Frank Robert	Accy	104	* † Chicago
Harms, Gunther William	Bus	30	* † Chicago
Harner, Virginia Paxton	LAS	94½	* † Springfield
Harnett, Esther Mae	HELAS	30	* † Windsor
Harney, Anna Rita	HEAgr	7	* † Bradford
Harnish, Wilber Eugene	SS	33½	* † Mechanicsburg, Pennsylvania
Harnit, Kathryn Anne	Law	30	* † Champaign
Harnly, Morris Henry	SS	13	* † Saginaw, Michigan
Harper, Mrs. Ethel Brunker	LAS	11	* † Riley, Indiana
Harper, Frances King	LAS	95	* † East St. Louis
Harper, Robert Harrell	Law	61	* † Greenwood, Arkansas
Harper, Scott Nathaniel	LAS	28½	* † Evanston
Harper, Wesley Dean	Agr	96	* † Des Moines, Iowa
Harridge, Robert Henry	EE		* † Park Ridge
Harrington, Bernard Michael	LAS	106	* † Chicago
Harrington, Earl James	AC	69	* † Plano
Harrington, Herbert Franklin	SS	1½	* † Portsmouth, New Hampshire
Harrington, Lowell Raymond	IA	44	* † DeWitt, Iowa
Harrington, Sister Mary Maurice	SS	6	* † Springfield
Harrington, Raymond Bruce	Bus		* † Waukegan
Harris, Don	IA	106½	* † Benton
Harris, Freeman Curtis	IA	16	* † Benton
Harris, Harry Houmes	Agr		* † Chicago
Harris, Harvey Carson	Bus	24	* † Mt. Carmel
Harris, Lucile Margaret	LAS (SS)	101	* † Champaign
Harris, Roy Jay	Jnl	64	* † St. Louis, Missouri
Harris, Russel	Accy		* † Urbana
Harris, William Henry	LAS		* † St. Louis, Missouri
Harrison, Carter Henry	Bus	17½	* † Christopher
Harrison, Charles Bordner	SS	6	* † Cuba
Harrison, Delaware	Bus	32	* † Chicago
Harrison, Elbert Iredell	Arch	126	* † Bloomington
Harrison, Emory Garnall	SS	14½	* † Oxford, Indiana
Harrison, Eugene Rust	Bank	103	* † Davenport, Iowa
Harrison, Fred	Bus	74½	* † Herrin
Harrison, Gordon Buckingham	PreL	29	* † Muskogee, Oklahoma
Harrison, Wade Coffee	Accy		* † Attica, Indiana
Harry, Lois Cumberland	LAS	43	* † Champaign
Harshbarger, Don William	SS		* † Mt. Pleasant, Iowa
Harshbarger, Leslie Perkins	PreM	25	* † Atwood
Hart, Edith Fay, A.B., 1921	Lib		* † Sinclair
Hart, James William	EE	120½	* † Salem, South Dakota
Hart, Joseph Alford	Bus	43	* † Maywood
Hart, Mabel Elizabeth	LAS		* † Benton
Harter, Baxter Burris	ME	135	* † Urbana
Harter, Wesley Curtis	Law		* † Carthage
Hartford, Virginia Bireley	LAS (SS)	12	* † Champaign
Hartle, Hazel Mae	LAS	9	* † Urbana
Hartley, Beula Fern	SS	17	* † Centralia
Hartley, Mary Lucille	MusEd	2	* † Urbana
Hartley, Robert Irvin	Agr		* † Centralia
Hartley, Theodore	LAS		* † Toulon
Hartline, Avis E	LAS		* † Anna
Hartman, Dorothy Helen	Bus	41	* † Wilmette
Hartman, Glen	Bus unc		* † Freeport
Hartman, Harvey John	Flor	33½	* † Bedford, Indiana
Hartman, Laurice Mayhew	EPH		* † San Benito, Texas
Hartman, Olga	SS	75	* † Waterloo
Hartmann, Ernest Christian	CE	108	* † Decatur
Hartmetz, John	Bus	36	* † Evansville, Indiana
Hartsell, Harry	SS	½	* † Asheville, North Carolina
Hartung, Carl Emerson	Bus		* † Chicago
Hartung, Maurice Leslie	SS	6½	* † Mt. Vernon, Iowa
Hartung, Philip Tempel	Jnl	66	* † Chicago
Hartwell, Troy Kern	Flor	68	* † East St. Louis
Hartwick, Leland Joseph	SS	8½	* † Winnebago, Minnesota
Hartzell, Grace Cecelia	LAS		* † Carthage
Harvey, Castle J	Arch		* † Huntington, Indiana
Harvey, Gertrude Priscilla	HELAS		* † Harrisburg
Haseltine, Stuart Edmond	Agr		* † Crockett, California
Haskins, Ned Thomas	PreL	30	* † LaSalle
Hasse, Lloyd Joseph	Bus		* † Peru
Hastings, Catherine Helen	LAS	99	* † Joliet
Haswell, Richard Ellis	LAS	33	* † Webster Groves, Missouri
Hatch, Frank Moeller	Accy	106½	* † Chicago
Hatch, James Edwin, Jr.	ME	35	* † Peoria
Hatch, Lemoine Scudder, Jr.	ME	104	* † LaGrange
Hatch, Ozias Mather, Jr.	Agr		* † Springfield
Hatch, William Homer	EE		* † Plano
Hatcher, James Frank	AE	69	* † Weston, Ohio
Hatcher, Mrs. Ruby Grace	Arch unc		* † Mark, Missouri
Hathaway, Jephthah Otis	LAS	26½	* † Urbana
Hathaway, Rosalia May	LAS	28	* † Urbana
Hatland, Clarence Milton	SS	9½	* † Chicago
Hatley, Fred James	AC	64	* † Lynden, Washington
Haugh, Eleanor Grace	HELAS		* † Whiting, Indiana

Haun, Myrtle Lucile	LAS unc		* † Gilman
Hauser, Mildred Eloise	LAS		* † Walshville
Hauser, Ruben Clemens	Ins (SS)	103	* † Stuttgart, Arkansas
Havard, Mary Pearl	LAS	100	* † Urbana
Haven, Alice Genevieve	LAS		* † Urbana
Havens, Charles Stewart	IA		* † Urbana
Havlik, Edward C	Bus		* † Chicago
Haw, Stanley Alfred	Bus	54½	* † Ottumwa, Iowa
Hawkes, Margaret Eliza	LAS	33½	* † Rosamond
Hawks, Florence Isabelle	HELAS	20	* † Goshen, Indiana
Hawks, John Uline	Bus	130	* † Goshen, Indiana
Hawley, Arthur William	CE	37	* † Chicago
Hawley, Everett Edwin	Agr	28½	* † Greenville
Hawley, Gladys Willetta	LAS unc		* † Hinckley
Haworth, Charles Willard	Agr	30	* † St. Joseph
Haworth, Dorothy Edith	LAS	20	* † Danville
Haworth, Genevieve Marie	SS	128	* † Danville
Haworth, Lucile Geraldine	HEAgr	32	* † St. Joseph
Hawthorne, Mary Frances	LAS (SS)	33	* † Urbana
Hawthorne, Rosene Alice	LAS	122	* † Urbana
Hay, Arthur Vincent	Agr (SS)	116½	* † Fowler, Indiana
Hay, John Ira	LAS	33	* † Fowler, Indiana
Hay, Sarah Frances	HELAS	90½	* † Danville
Hayden, Lyle Johnson	Agr	66	* † Pittsfield
Hayden, Thomas Clay	AC	52	* † Lowell, Indiana
Hayes, Bluford Faris	EE	71	* † Paris
Hayes, Dulcie, A.B., 1923	SS		* † Ogden
Hayes, Harry Francis	Bus		* † Patoka
Haygreen, Glenn Allen	Bus (SS)	23	* † Burlington
Haynes, George Lester	Accy	65	* † Moline
Hays, Thomas George	PreM (SS)	59	* † Marissa
Hayward, Harold Nathaniel	EE (SS)	107	* † Elgin
Hayward, Landes Hamilton	ME	106	* † Bell, California
Hazelip, Earle	LAS unc	24	* † Enfield
Hazen, Edna Bonner	LAS unc		* † Urbana
Hazen, Harold Jover	Bus		* † Oak Park
Hazlehurst, Jack Harris	EE	105	* † Hubbard Woods
Healy, Dorothy Man	LAS		* † Chicago
Hearn, William James Owens	LAS		* † Boston, Massachusetts
Hearne, Mary Katherine	SS		* † Carthage
Hebert, Mary Cecilia	SS	20½	* † Assumption
Hecht, Bernard Tobia	PreL		* † Chicago
Heckaman, Loren Link	Bus	94	* † Bremen, Indiana
Heddins, Helen	SHHEEd (SS)	67	* † Urbana
Hedgecock, Dwight Lynn	ChE	118½	* † Augusta
Hedgecock, John Harrison, B.S., 1915	SS		* † Plymouth
Hedgecock, Robert Moody	Agr	26	* † Plymouth
Hedges, Albert Rushton	ME	4	* † Chicago
Hedges, Elizabeth Imber	LAS	65½	* † Nashville, Tennessee
Hedrick, Charlotte June	LAS	60	* † Chicago
Hedrick, Leonard Cecil	Arch unc		* † West Salem
Heffernan, Helen Gertrude	LAS	32	* † Champaign
Heffron, Roderick	PreM	59	* † Chicago
Heidemann, Ella Henrietta	LAS	99	* † Hinsdale
Heider, Raymond Louis	Bus	99½	* † Moline
Heil, Henry	Law		* † Decatur
Heil, John Henry	ME		* † Chicago
Heilbron, Kenneth Joseph	LAS	19	* † Chicago
Heiligenstein, Christian Adam	Bank	73	* † Freeburg
Heimbaugh, Hays Malcolm	RT		* † Monett, Missouri
Heimlicher, Evaline Elizabeth	HELAS		* † Champaign
Heimlicher, Margaret Sara	LAS	27	* † Champaign
Heineman, Arnold Hopkins	ME	36	* † Chicago
Heinle, Edith Floreine	LAS	94	* † Maroa
Heiny, Clarence George	Bus	63	* † Noblesville, Indiana
Heinz, Cecelia Katherine	LAS		* † Champaign
Heinsman, Carina Petronilla	SHHEEd	96	* † Metamora
Heise, Edward	PreM		* † New York City, New York
Heissig, Ida	PreM	32	* † Grnlich, Bohemia
Helfrich, Murray Denzel	ChE	34	* † Chicago Heights
Heller, Clarence Max	Accy	93	* † Champaign
Heller, Otto Carl	Chem	6½	* † Chicago
Helmick, Albert L	AE	72	* † Peoria
Helmig, Alverdah Dorothea	LAS	33	* † Lake Bluff
Helmreich, Ernest Christian	LAS	108	* † Crescent City
Helms, Kenneth Cleo	Arch	35	* † Wichita, Kansas
Helphinstine, Lucile Elizabeth	HELAS		* † Decatur
Helsing, Einar Axel	Bus	53	* † Chicago
Helsing, Herbert Roy	IA	35	* † Chicago
Helston, Maurice Gilmore	CL		* † Hillsboro
Helvie, Marian Cole	Ed (SS)	107	* † Champaign
Helvie, Samuel	Bus		* † Logansport, Indiana
Hemingway, Lucille	HEAgr		* † Arcola
Hemingway, Wanda Marie	Bus	60	* † Arcola
Hemphill, Hazel Mae	LAS	23	* † Center Point, Iowa
Hemphill, John Scott	SS	78	* † Benton

Hemwall, John Edwin	FC	66	* † Chicago
Henderson, Alfred Dean	CE		* † Sparta
Henderson, Clara Belle	LAS	34	* † Elgin
Henderson, Donald Cedric	Agr	106	* † Urbana
Henderson, Edwin Percy	CE	31	* † Elgin
Henderson, Genevieve Elizabeth	LAS	11	* † Chicago
Henderson, George Warren	Bus (SS)	100	* † Mattoon
Henderson, Melvin	Agr	67	* † Urbana
Henderson, Warren	Bus		* † Ridge Farm
Henderson, William Trimble	EE	43½	* † Urbana
Hendricks, Thelma	HEAgr	33	* † Barry
Hendry, Dagmar Eleanor	Accy	4	* † Chicago
Henkel, Erwin Robert	AC	36	* † Madison, Wisconsin
Henkel, Margaret Marie, A.B., 1917	Lib	3	* † Mt. Clemens, Michigan
Henley, Frances Irene	Bus	31	* † Mattoon
Henneberry, Mary Theresa	LAS (SS)	81½	* † Lincoln
Hennes, Charles Floyd	ME	71	* † Champaign
Henning, Carl James	Mus unc		* † Lostant
Henning, Lester Anton	Bus	117	* † Chicago
Henninger, George Copeland	ChE	144½	* † Chicago
Henry, Anne Elizabeth	LAS		* † Mendota
Henry, Arden Forrest	EPH	74	* † Rockford
Henry, Don Rex	SS	6½	* † Virden
Henry, Flora Marna	LAS		* † Chicago
Henry, James Ray	Bus	48	* † Burlington, Kansas
Henry, Mary Virginia	LAS		* † Kokomo, Indiana
Henry, Nina Rose	LAS	96½	* † Bloomington
Henry, Oren Osborne	Law		* † Canton
Henry, Ronald Partlow	EE		* † Winchester
Henry, Russell Glen	ME		* † Rockford
Henshel, Walter Marcus	Bus	63	* † Chicago
Hensler, Earle David	Bus	64	* † Chicago
Hensley, Sarah Marilla	LAS		* † St. Elmo
Henson, John Robert	Bus	76	* † Villa Grove
Heppler, Arthur Lorin	ChE	35	* † Streator
Heppes, Julian Otto	FC	35	* † LaGrange
Herb, Clarence Church	Bank (SS)	112	* † Emington
Herbert, George Francis	FC		* † Gifford
Herbon, Carl August	Bus	67	* † Chicago
Herigstad, Oscar	SS	8½	* † Chicago
Herndon, Francis Elliott	EE	34	* † Chatham
Heron, Laurence Tunstall	LAS	104	* † East St. Louis
Herr, Benjamin Russell	Eng	90	* † Erie
Herrick, Helen	Ed	60	* † Farmer City
Herrick, Howard Raymond	LAS		* † Waterman
Herrick, Mildred, A.B., 1923	SS		* † Farmer City
Herrick, Norman Gaines	AC	74½	* † Waterman
Herrin, Blanche Grace	LG	66	* † Glendora, California
Herrin, Snyder E.	Law		* † Herrin
Herrord, Mildred Leone	LAS	103	* † Warrensburg
Herron, Horace Southworth	Bus	89½	* † Gilman
Hershman, John Ellsworth	Jnl	31	* † Brook, Indiana
Herting, Herold Edward	CE	102	* † Chicago
Hertz, Orin Wesley	Agr		* † Momence
Hesser, Mary	Bus	93	* † Urbana
Hessler, Mae Catherine	LAS (SS)	106½	* † Urbana
Hessler, Rose Marie	LAS		* † Urbana
Hester, Harold Lyman	Agr		* † Taylorville
Hester, Luther Garner	Agr	28	* † Mt. Carroll
Hetherlin, Ralph Thorniley	AE	36	* † Louisiana, Missouri
Hettel, Earl Francis	EE	36	* † Ottawa
Hettick, Roy Smith	Agr	16½	* † Athensville
Heusinkveld, Charles Theodore	LAS	66	* † Fulton
Hewitt, Harvey Carl	SHAEd	64½	* † Georgetown
Heylin, Gordon Shur	EE		* † Canton
Heyne, William Bernard	SS	19½	* † Decatur
Hiatt, Howard Harrison	Bus	24	* † Indianapolis, Indiana
Hibbard, Eugene Melville	Bus		* † Chicago
Hibbard, Fred Wheelock	Eng	61	* † Chicago
Hickey, Albert Neil	LAS	35	* † Milwaukee, Wisconsin
Hickman, Allen Ray	SS	161	* † Danville
Hickman, Charles Martin	Bus		* † Chicago
Hickman, Mary Rowena	Jnl	32	* † Benton
Hickman, Wayne	EE	58	* † Fairmount
Hicks, Georgianna G	HEAgr	41	* † Greenfield
Hicks, Lida	SS		* † Canton
Hicks, Samuel Baxter	PreL		* † McLeansboro
Hielscher, Elizabeth Emma	LAS		* † Minonk
Hier, Ethel Lucile	LAS	6	* † Champaign
Higdon, Mrs. Lena Biehl	SS	21	* † Urbana
Higginbotham, Frank	Bank	30	* † Terre Haute, Indiana
Higgins, Frances Mary	LAS	99	* † Niagara Falls, New York
Higgins, Frances Ruth	LAS	63	* † Champaign
Higgins, Geraldine Lenore	LAS	19	* † Centralia
Higgins, John Thomas	Bus	59	* † River Forest
Higgins, Kathryn Antoinette	HEAgr	59	* † Nepomac

Higgins, Sister Mary Clarissa	SS	21	* † Springfield
Higgins, Monroe Richard	Agr	30½	* † Chicago
Hightower, Howard	SS	6½	* † Watson
Hildebrand, Harold Lee	EE (SS)	73½	* † Onarga
Hiles, Robert Eugene	CE	62	* † Little Rock, Arkansas
Hilgard, Ernest Ropiequet	ChE	102½	* † Urbana
Hilgard, Ruth	LAS		* † Urbana
Hill, Arthur James	AC	72	* † Rochester, New York
Hill, Aubrey Deloss	ChE	119½	* † Little Rock, Arkansas
Hill, Charles Augustus	LAS	16½	* † Joliet
Hill, Charles Dean	Bus		* † Rankin
Hill, Dorothy Irene	LAS	22	* † Urbana
Hill, Edgar Russel	PreM		* † East St. Louis
Hill, Elizabeth W	LAS	84	* † Evanston
Hill, George Marshall	IA	24½	* † Little Rock, Arkansas
Hill, Grant Graham	PreM		* † Rossville
Hill, Harold H	Eng	68	* † New Castle, Pennsylvania
Hill, Harold Herrin	PreM	32	* † Athens
Hill, James Griffin	SS		* † Bessemer, Alabama
Hill, John Howard	SS	7½	* † Hope, Indiana
Hill, John Pierce	Com	23	* † Champaign
Hill, Nigel Pauline	LAS	56	* † Urbana
Hill, Richard Bunker	IA	64	* † Oak Park
Hill, Robert Benjamin	RCE		* † LaGrange
Hill, Thomas Martin	ME (SS)	131	* † Quincy
Hillemeier, Alfred Koesmer	EE	106	* † Champaign
Hillman, Louis Frederick	SS		* † Laport, Indiana
Hills, Seth Harlow	Agr	72	* † Rockford
Hillyer, J Dwight	EE unc (SS)	8	* † Chicago
Hiltabrand, Wray Franklin	Agr	67	* † Tonica
Hilton, Max Carleton	SS	7½	* † Coldwater, Michigan
Himmele, Irvin Henry	Ed	68	* † Buffalo, New York
Hinch, Doris Louise	LAS		* † Marseilles
Hinchcliff, Jay Emmet	SS	8	* † Champaign
Hincke, William Berrard	SS	154	* † Pinckneyville
Hinckley, Edward Stanley	Bus	34	* † Hinsdale
Hind, Jack William	CerE	66	* † Alton
Hinds, Ervin Arthur	SS	8½	* † Chicago Heights
Hines, Rella Mae	LAS	27	* † Champaign
Hinote, Russell Charles	AC	60	* † Urbana
Hinshaw, Robert	SS	7	* † Greensboro, Indiana
Hinton, Kenneth Arden	CE	55	* † Greenville
Hinze, Herbert William	Bus		* † Beecher
Hirsch, Louis Henry	EE	107	* † Cape Girardeau, Missouri
Hirschberg, Sam	IA	34	* † Chicago
Hirschfield, John Charles	Lav (SS)	34½	* † Champaign
Hirschfield, Julius James	PreL	31	* † Champaign
Hirsch, Rose Alice	LAS		* † St. Louis, Missouri
Hiss, Bernice Cora	HEAgr	26	* † Chicago
Hitchcock, Jessie Edmondson	LAS	66½	* † Oak Park
Hixson, Harold Burke	Bus		* † Stockland
Ho, Pao Hsu	RA unc		* † Hankow, China
Ho, Shi Ching	Accy	78½	* † Kiangsi, China
Ho, Shih Feng	RCE	32	* † Shanghai, China
Hoadley, Helen Margaret	LAS		* † Yorkville
Hoadley, Lyman Mortimer	CE	132	* † Waterliet, Michigan
Hoag, John Streeter	EE	36	* † Cairo
Hoagland, Max Green	Agr	35	* † Shelbyville
Hoak, Harold Alexander	Agr	31	* † Sterling
Hoar, Mrs. Mary Houston	SS	7½	* † Campbellsburg, Indiana
Hobart, Mrs. Faith Beckett	HELAS	73	* † Urbana
Hobbs, Clara Idris	Ed	96	* † West Branch, Iowa
Hobbs, Wesley Stratton	ME	107	* † Chicago
Hochstrasser, Maude Adelaide	LAS (SS)	97½	* † Urbana
Hocking, Albert William	Bus	75	* † Chicago
Hocking, Ashlie Reid	Agr (SS)	58	* † Albion
Hockman, Dwight Lawrence	EE	100	* † Xenia
Hockman, Helen Marcella	LAS	29	* † Olney
Hodam, Florence Elizabeth	LAS	114	* † Ludlow
Hodgkins, Lawrence Edwin	AC		* † Baxter Springs, Kansas
Hodson, Glendon Conley	Lav (SS)	59½	* † Centralia
Hoefflin, Mary Margaret	LAS	96	* † Oak Park
Hoerber, Fred William	Bus	28	* † Chicago
Hofer, Louis Lawrence	ChE	55	* † Victoria, Texas
Hoff, Robert Benjamin	Lav		* † Pekin
Hoffman, Ernest Philip	Bus (SS)	39	* † Pekin
Hoffman, John Nelson	AC	38	* † Milton, Pennsylvania
Hoffmann, George Olaf	Bus		* † Park Ridge
Hoffmann, Robert Charles	CE	35	* † Chicago
Hofmann, Mrs. Elizabeth Davenport	Mus unc		* † Indianapolis, Indiana
Hofsommer, Gretchen Georgiana	PreM (SS)	50	* † Breese
Hofsommer, Theodore William	PreL		* † Breese
Hoge, Robert Henderson	LAS	79	* † Huntington, West Virginia
Hoggatt, Elmer Perry	Accy		* † Urbana
Hohman, John Winchester	Bus		* † Chicago
Hohmann, Gilbert Gordon	CE		* † Mt. Greenwood

Hokemeyer, Alice Marie	LAS	34	* Palatine
Holbrook, Frances Elizabeth	SS		* Park Ridge
Holcomb, Helen May	Bus		* † Sycamore
Holden, Fred Samuel	Bus	35½	* † Pittsburg, Kansas
Holder, George Espey	LAS	30	* † Bloomington
Holder, William Donald	RCE	25½	* † Kankakee
Holderman, Samuel James	Lav	30	* † Morris
Holladay, Lois Porter, A.B., 1915	Lib	32	* † Columbia, Kentucky
Holland, Cyrus Elwood	ME	7	* † Chicago
Holland, Fred E, Jr.	PreM		* † Centralia
Holland, John Joseph	PreL		* † Hillside
Holland, Lois Irene	Ed (SS)	60	* † Terre Haute, Indiana
Holland, Mabel Ruth	LAS	97	* † Omaha
Hollem, Ruth Marie	LAS	102	* † Rockford
Hollis, Barbara Herndon	LAS	96	* † Little Rock, Arkansas
Hollis, Roscoe Raymond	SS	16	* † New Douglas
Hollister, Bertram Keats, Jr.	LAS unc	80½	* † Chicago
Hollmeyer, Lewis Henry	SS	7½	* † Gardner
Hollopeter, Cecil Forrest	AC	73	* † Fort Wayne, Indiana
Holloway, Hazen Stearns	IA		* † Galesburg
Holloway, Lester Eugene	Jnl	33	* † Pontiac
Holloway, Ray Erwin	Arch		* † DuQuoin
Holmberg, Harvey Worth	Bus	33	* † LaGrange
Holmes, Andrew Welwood	SS	133½	* Chicago
Holmes, Enid Arvella	SS		* Rockford
Holmes, Floyd Royal	SS	107	* Bayles
Holmes, Harald Zachary	LAS		* † Urbana
Holmes, Helen Ruth	LAS		* † Monticello
Holmes, Herman Edward	AE (SS)	76	* † Oklahoma City, Oklahoma
Holmes, Leslie Arnold	LAS	31	* † Freeport
Holmes, Wendel Francis	PreM	69	* † Stewardson
Holmgren, Stanford Leland	Bus		* † Evanston
Holston, Alvin Arthur	LAS	140	* † Nashville
Holt, Elbert Donald	ChE (SS)	68	* † Urbana
Holt, Marshall	CE		* † Greenup
Holt, Orval C	Agr (SS)	80½	* † Milford
Holtermann, Veta Merle	Ed (SS)	89½	* † Sadorus
Holters, Sister M Bernadette	SS	8	* Rock Island
Holton, Arthur B	LAS		* † Olmsted Falls, Ohio
Holton, Ellen Margaret	HELAS	32	* † Bloomington
Holzgraeffe, Elmer John	IA (SS)	110	* † Quincy
Homfeld, John Frank	Bus		* † Urbana
Hon, Howard Leon	Accy	100	* † Grayville
Hon, John F	RA		* † Urbana
Hon, Ralph Clifford	LAS	91	* † Thayer, Missouri
Honens, John Gustavus	SS	61	* † Sterling
Honn, Robert Arthur	Ed unc (SS)		* † Arcola
Honn, Ruth	LAS (SS)	100	* † Champaign
Hood, Fred Carlisle	SS	7½	* † McLeansboro
Hood, Helen Brown	LAS	60	* † Sparta
Hood, Phyllis Elinor	LAS	93	* † Sparta
Hook, George Clyde	LAS		* † East St. Louis
Hooker, Florence May	LAS unc		* † Urbana
Hookham, Robert Ernest	CE	103	* † Chicago
Hooper, Harold Leslie	Accy	60	* † Nekoosa, Wisconsin
Hoover, Harold Mark	PreM	12½	* † Ashley
Hoover, Karl Max	IED		* † Lovington
Hoover, Welsh	Bus		* † Shelbyville
Hopkins, Edwin Turney	Bus	27	* † Princeton
Hopkins, Harvey Childs	ChE	93	* † Urbana
Hopkins, Pauline McKibben	HELAS		* † Urbana
Hopkins, Ralph Yount	RA		* † Urbana
Hopkins, Roger Edward	Bus (SS)		* † Chicago
Hopper, Frank Mackwood	SS	6	* † Jacksonville
Hopping, Edward Wilbur	AC	24	* † Glen Ellyn
Hopping, Ralph	AE		* † Orleans, Indiana
Hopwood, Frank Hubert	Agr	72	* † Athens
Horan, Charles Raymond	CE	113½	* † Antioch
Hordyk, Emily Marie	HELAS	69	* † Burlington
Horen, Allis	LAS		* † Kansas City, Missouri
Horn, Alfred Oswald	AC	53½	* † Withee, Wisconsin
Horn, Burton Franklin	LAS		* † Chicago
Horn, Harry Louis Martin	Arch	48	* † Davenport, Iowa
Horn, Margaret Murray	LG unc	31	* † Logansport, Indiana
Horn, Oswald Clarence	Bus	30	* † Champaign
Horn, Vernon Robert	ChE		* † Chicago Heights
Hornell, Julius Verner	SS		* † Milwaukee, Wisconsin
Horneman, Alice Shockley	HELAS		* † Louisville, Kentucky
Horning, Helen Irene	LAS	31	* † Urbana
Horning, John V C	LAS		* † Chicago
Hornish, Mars Milton	Agr	35	* † Washington
Horrow, Samuel Rodin	Accy	68	* † Chicago
Horst, Lester Richard	SS	136	* † Rock Island
Horton, John Walker	IA	71½	* † Chicago
Horton, Norman LeRoy	Eng	36	* † Chicago
Horton, Paul Hamilton	EE		* † Oklahoma City, Oklahoma



Horton, Philip Everard	AC		* Chicago
Horton, William	LAS		* Chicago
Horween, Charlotte	LAS	34	* Chicago
Horwitz, Jerome Julian	LAS	24½	* Chicago
Hosken, Bernice Colton	LAS	102	* Wilmette
Hoskin, Margaret Jane	LAS (SS)	29	* Urbana
Hoskins, Margaret Elizabeth	SS		* Mt. Vernon
Hoskins, Robert Noble	AC	31	* Bethany
Hoskinson, Helen Elizabeth	SS		* Rockford
Hosler, Gladys Ethel	HELAS		* St. Louis, Missouri
Hotehkiss, Lois Ione	Bus		* Urbana
Hotehkiss, Raymond Gale	EE	87	* DeKalb
Hottinger, Norma	Mus		* Muncie, Indiana
Houck, Dorothy Dudley, A.B., 1921	SS		* Dixon, Missouri
Hough, Ernest Ray	Agr (SS)	80	* Champaign
Hough, Paul Vitt	Bus	35	* Sedalia, Missouri
Houghton, Arthur Vincent, Jr.	SS	65½	* Patterson
Houghton, William Guy	SS	6½	* Nashville
House, Byron Orvil	Law		* Nashville
House, Florence May	LAS		* Elwood, Indiana
Houser, Hubert LeRoy	AC		* Danville
Houser, Victor Fleming	ME		* East St. Louis
Housh, Charles Nelson	Agr	69	* Galesburg
Housh, Leo Carl	SS	4	* Chicago
Howard, Albert Marshall	PreL	110	* Jamestown, New York
Howard, Clifford Waller	LAS	84	* Champaign
Howard, Daniel	Bus	145	* Aurora
Howard, Frank Swan, Jr.	Eng	109	* Chicago
Howard, Henry Covington	Agr	67½	* Elgin
Howard, Phil Joseph	CE	72	* Payson
Howard, Ralph Hupert	AC		* Rantoul
Howard, William Casper	Bus		* Bogart
Howarth, Ralph Edison	Law (SS)	61	* Urbana
Howe, Harriet	LAS (SS)	105½	* Wenona
Howe, Jerome Kemp	CE	26	* Emporia, Kansas
Howe, Mary Priscilla	Bus unc		* Oak Park
Howe, Mitchell Barrett	Bus		* Chicago
Howe, Robert Francis	Law	61½	* Peoria
Howeler, Herman Harris	Chem		* Bloomington
Howell, Edward Lloyd	IA		* Woodstock
Howell, Elwood Diedrich	Agr		* Champaign
Howell, George Evan	CL		* Arthur
Howell, Nellie Marie	HEAgr	30	* Chicago
Howland, Walter William	CL	69	* McAllen, Texas.
Howorth, Edmund Briggs	Law	54	* Chicago
Hoyt, Ellsworth Meads	CE	56	* Champaign
Hoyt, Lucius Warner	PreM (SS)	63	* Chicago
Hrdina, Jerry Joseph	CE		* Chicago
Hruda, Harry Ralph	IA		* Urbana
Hsieh, Surgeon	MinE	100	* Chaihsu, China
Hsu, Tsee Liang	RA (SS)	116	* Anhwei, China
Hsu, Yen Yin	RA		* Hain, China
Hsueh, Ying Liu	CE		* Tientsin, China
Hu, Kuang Cheng	ChE	91½	* Monken, China
Hu, Tsein Chan	Bank (SS)	90	* Berwyn
Hubbard, Eber Jessie, Jr.	PreL		* Quincy
Hubbard, Karl Hammond	EPh	129	* Urbana
Hubbard, Robert Koehn	Agr		* Quincy
Hubbard, Vera	SS	27	* Chicago
Hubbell, Dorothy Vernon	LAS	16	* Chicago
Huber, Agatha Margaret	HELAS		* Chicago
Huck, James Michael	Bank	33	* Chicago
Hucker, Anita Maye	Jnl	45	* Antioch
Huckins, George	CE	23	* Kankakee
Hucko, John Killian	Bus		* Aurora
Huddlestun, Bernice Thelma	LAS (SS)	51	* Urbana
Hudelson, Jane Elizabeth	LAS	64	* Chicago
Hudnut, Harry Posey	CE		* Champaign
Hudson, Georgiana Hall	LAS	117	* Logansport, Indiana
Hudson, Leo Robert	LAS		* Springfield
Hudson, Nathaniel William	Law		* Danville
Hudson, Theodore Roosevelt	PreM		* Danville
Huegy, Harvey Wilborn	Bus (SS)	82	* Highland
Huelster, Laura Jewel	LAS		* Danville
Huff, Ferne Shepard	LAS		* Eagle, Michigan
Huff, George Alexander	PreM		* Champaign
Huffman, Bernice Marie	Ed unc	32	* Carbondale
Huffman, Leland Richard	Bus	29	* Terre Haute, Indiana
Hug, Gladys Louise	LAS	79	* Highland
Huggans, Edith Reeder	LAS	68	* Streator
Huggans, Margaret Lois	LAS	68	* Streator
Hugh, John Hermann	Agr (SS)	103	* Peoria
Hughes, Barbara Marie	SS	8	* Rushville
Hughes, Frances Anne	LAS		* Cairo
Hughes, Harold Fred	CL	69	* Stroud, Oklahoma
Hughes, Mrs. Lois J	HEAgr		* Farmer City

Hughes, Marc Jacob	PreM		* †	Centralia
Hughes, Mary Elizabeth	HELAS	77	* †	Wickliffe, Kentucky
Hughes, Nellie Jeanne	SS	5½		Rushville
Hughes, Russell R	Bus	55	†	Harvey
Hughes, Seth Morrison	Bus	63	* †	Tulsa, Oklahoma
Hughes, Sherman	Law		* †	Champaign
Hugle, Beverly Sawyer	Bus	67	* †	Oak Park
Hui, Man Fai	SS			Canton, China
Hulce, Beatrice Louise	SS			Gilman
Hulce, Leola Belle	LAS		†	Gilman
Hulick, Claude Otis	PreM	44½	* †	East St. Louis
Hull, Dorothy Elizabeth	Ed	71½	* †	Urbana
Hull, James Montgomery	Agr	108	* †	Urbana
Hull, Mabel Ruth	HELAS	99	* †	Urbana
Hull, Thomas Kendrick	ME	19	* †	Wheaton
Humer, Elizabeth Linn	HEAgr	2	* †	Springfield
Humes, Edgar Watson	CerE		* †	Mattoon
Humphrey, Evelyn Myrtle	Bus	97	* †	Wilmette
Humphrey, George Clifford	SS	18		Avon
Humphrey, Mary Louise	LAS	84	* †	St. Louis
Humphreys, Albert Edward	AC		†	West Olcott, Indiana
Humphreys, John Patrick Shine	Law	30	* †	Chicago
Hunn, Clifford Esdohn	Bus	33	* †	Chicago
Hunneemann, Arthur Paul	PreM	27	* †	Chicago
Hunolt, Domitilla	LAS (SS)	114½	* †	Edina, Missouri
Hunsley, Lorne Edison	Agr	64	* †	Edinburg
Hunsucker, Mrs. Helen Margaret Herbst	SS	8		Indianapolis, Indiana
Hunt, Donald	Arch	6	* †	Chicago
Hunt, Edith Irene	SHHEE	100	* †	Marshall
Hunt, Esther Lillian	LAS	30	* †	Chicago
Hunt, Genevieve	LAS	76½	* †	Moline
Hunt, Howard Leroy	Agr	60½	* †	Spartan
Hunt, Lansing DeForest	CHE	88	* †	DeKalb
Hunt, Leigh Hale	Arch		†	Chicago
Hunt, Robert Fleetwood	LAS	25½	* †	Springfield
Hunt, Russel Richard	EE	23	†	Champaign
Hunt, Stanley Browne	EE	75	* †	DeKalb
Hunt, William Louis	RCE unc	79	* †	Sardis, Mississippi
Hunter, George William	Accy	88	* †	Fairfield
Hunter, Harold Leslie	IA	112½	* †	Pesotum
Hunter, Horace Johnson	AC		* †	Emlenton, Pennsylvania
Hunter, Howard Walter	Jnl		* †	Chicago
Hunting, Walter Jackson	SS	7½		Racine, Wisconsin
Huntington, Bertha May	Bus (SS)	101	* †	Urbana
Huntington, Mary Louisa	LAS	98	* †	Ladoga, Indiana
Huntley, Cecil Russell	Eng	60	* †	Pontiac
Huntoon, Jean Inez	LAS	47	* †	Rock Island
Hupp, Arthur Alfred	Accy	28	* †	Momence
Hupp, Raymond Lewis	LAS		* †	Buckley
Hurd, Burton	PreL	71	* †	El Paso
Hurd, Thelma Lucille	Bus		* †	Urbana
Hurd, Warren Speare	Bus		* †	Urbana
Hurley, George Owen	PreM		* †	North Manchester, Indiana
Hurley, Timothy Donald	Flor	105	* †	Chicago
Huron, Catherine Arline	Bus		* †	Mattoon
Hurst, Kenneth Wilmer	Bus	35	* †	LaSalle
Hurt, William Berryman	Bus		* †	Pleasant Plains
Hurwitz, Aaron I	LAS	111	* †	Des Moines, Iowa
Hurwitz, Theodor Herzl	PreM	17	* †	Chicago
Huser, Minnie Ellen	SS	8½		Salem
Huskinson, Charles William, Jr.	Law		* †	Allton
Husted, Granger	Bus	127	* †	Zion City
Huston, Berneace	HELAS		* †	Peoria
Huston, Charles Barclay	Agr	70	* †	Roserville
Huston, Donald Reber	IA		* †	St. Joseph
Hutchens, Lucius Lester	SS	68		White Hall
Hutchins, Frank Hilliard	LAS	94	*	Urbana
Hutchins, Frederick Clinton	IA	30	†	Rockford
Hutchins, Katharine Amanda	LAS	34	* †	Orangeville
Hutchinson, Donald Warner	Bus	37	* †	Chicago
Hutchinson, Edward Randolph	FC		†	Cayuga, Indiana
Hutchinson, John Theodore	CerE		*	Carbon, Indiana
Hutchinson, Schearer Anna	CT		*	Urbana
Hutson, Daphne Pearl	LAS	32	†	Urbana
Hutson, Noble Eugene	Law	34½	†	Urbana
Hutson, Mrs. Pearl Rea	LAS unc	36½	*	Urbana
Huxham, Harold Hanniford	AC	81½	†	River Forest
Hyde, Arthur Sidney	LAS	95	†	Urbana
Hyer, Richard Valentine	LAS (SS)	14	†	Jacksonville
Hyer, Frances Willard	LG	45½	†	Oklahoma City, Oklahoma
Hyman, Abraham Selig	LAS		†	Gary, Indiana
Hyman, Joseph Benjamin	PreM		* †	Indianapolis, Indiana
Hynds, Thomas Joseph	Eng	35	†	Morris
Hyrup, Lucile	HELAS	97	†	Odell
Ibbotson, Viola Victoria	SS		* †	Joliet
Iftner, Jesse Lorain	Agr	74	* †	Pittsfield

Igel, Joseph Hamilton	PreL		* + Belleville
Ihlenfeldt, Margaret Louise	LAS		* + Springfield
Illyes, David Frank	PreM	30	* + Palestine
Illyes, Frances M	HEAgr	72½	* + Palestine
Imbs, Marjorie Jean	LAS		* + Chicago
Ingles, Elza Harl	AC unc		* + Mulberry Grove
Ingram, Mildred Laura	Jnl	32	* + Pine Bluff, Arkansas
Ingram, William Coy	Law	30	* + Kinmundy
Inman, Esther Josephine	SS	6½	* + Urbana
Inman, James Edward	CE	71	* + Chicago
Innes, David Hanson	CerE	73	* + Chicago
Innis, Lowell Crane	Agr	89½	* + Milroy, Indiana
Ireland, Clarence Edward	LAS	31½	* + Sullivan
Ireland, Invaline Inez	LAS (SS)	78	* + Vandalia
Irish, Harold Robinson	Bus (SS)	30	* + Lincoln
Irvin, Altha Catherine	HELAS	7½	* + Illiopolis
Irvine, Edward Thomas	Bus	101	* + Zion City
Irwin, George Charrett	LAS		* + Danville
Irwin, Harriett May	LAS		* + Chicago
Irwin, William Ross	ME		* + Springfield
Isaacs, Edward Martin	Agr	64	* + Chicago
Isaacs, Richard Reinhard	PreL		* + Chicago
Isenbarger, Robert Orient	Arch	43½	* + Chicago
Isham, Burnette Eugene	Bus		* + Mazon
Isom, Elbert R	AC		* + Murphysboro
Itschner, Vine Lucrecia	LAS		* + Chicago
Ittner, Francis Wilbur	Bus	34	* + Highland
Iungerich, Hazel El Dora	LAS	20	* + Champaign
Ives, Andrew McCormick	ME		* + Champaign
Ives, John Winsor	Bus unc		* + Champaign
Ives, Joseph Thomas	LAS	66	* + Delphi, Indiana
Ivey, Charles Robert	SS		* + Rochester, Indiana
Ivey, Jennie Marie	LAS	94	* + Mt. Carroll
Jack, Margaret Ellen	LAS		* + Wadsworth
Jack, Mary Louise	LAS	63	* + Wadsworth
Jack, William Ralston	Agr	111	* + Springfield
Jackel, Herbert Arthur	ME	80½	* + Milwaukee, Wisconsin
Jackson, Alfred K	AF		* + Menominee, Wisconsin
Jackson, Alfred Neilson	Accy		* + Buffalo, New York
Jackson, Andrew Stokes	SS	149	* + Champaign
Jackson, Charlotte	HEAgr	93	* + Oblong
Jackson, Chester Oscar	AC	40	* + DeKalb
Jackson, Clifford Laurence	Ed	141½	* + Berwyn
Jackson, Edwin James	FC		* + Sigourney, Iowa
Jackson, Ernest Theodore	SS	132	* + Odin
Jackson, Euris J. B.S., 1923	SS		* + Mt. Vernon
Jackson, Florence Leona	LAS		* + Chicago
Jackson, Jerry Tyler	EE	110	* + New Hampton, Iowa
Jackson, John Richard, Jr.	Bus		* + Harrisburg
Jackson, Lafayette	SS	8½	* + Pekin, Indiana
Jackson, Lloyd Griffith	CE		* + Windsor
Jackson, Mrs. Myrna Griffith	SS	28	* + Brownstown
Jackson, Myrna Lois	Mus	66	* + Manteno
Jackson, Opal Louise	LAS	72	* + Decatur
Jackson, Winfield Hall	LAS	22½	* + Chicago
Jackson, Zerny Monroe	LAS	49	* + Urbana
Jacob, William Henry	LAS		* + Chicago
Jacobi, Arthur	Jnl	71½	* + Oak Park
Jacobs, Abby Rosella	LAS	93	* + Ottumwa, Iowa
Jacobs, Frank D, Jr.	PreM	35	* + Trivoli
Jacobs, Frank Willis	LAS		* + Pinckneyville
Jacobs, Glenn Edward	SS	26½	* + Greeley, Colorado
Jacobs, Henry Francis	Bus	29	* + Lima
Jacobs, Margaret Caroline	LAS	69	* + Chicago
Jacobs, Marion Griggs	PreL	33	* + Trivoli
Jacobs, Russell Lawrence	MinE	112	* + Chicago
Jacobson, Helen	LAS	30	* + Topeka, Kansas
Jacobson, James Williams	PreL	13	* + Chicago
Jacobson, Kenneth	Arch	54½	* + Perry, Iowa
Jaeger, Herbert Walter Emile	Bus		* + Oak Park
Jame, Lawrence Allan	Jnl	69	* + Chicago
James, Hallie Mae	HELAS	92	* + Champaign
James, Harlan Fletcher	SS	8	* + Rantoul
James, Harold Lewis	Bus		* + Canton
James, Harold Thomas	Bus	88	* + Seymour, Indiana
James, Hobart Carrington	Bus	91½	* + Rockford
James, Hortense L	Bus		* + Urbana
James, Margaret Crull	HELAS	95	* + Indianapolis, Indiana
James, Rachael	LAS	28	* + Chicago
Jameson, Jessie Walling	SS	8	* + Alton
Jameson, Lloyd Harper	CE	8	* + Springfield
Jamias, Luis Edralin	ME	27	* + Sarrat, Philippine Islands
Jamieson, Gilbert	Bus	62½	* + Moline
Jamison, Ami Noel	CE	35	* + Divide, Colorado
Jamison, Ralph Clino	Bus	30	* + Pontiac
Jandes, August William	Bus	67	* + St. Louis, Missouri

Janecek, Charles John	EE	19	* Cicero
Jankowski, Eugene Anthony	LAS		* Chicago
Jankowsky, Joseph	Bus	103½	* Tulsa, Oklahoma
Jankowsky, Paul Milton	Bus		* Tulsa, Oklahoma
Janowitz, Louis Herbert	IA	98½	* Waukegan
Janowitz, Rose Harriette	Jnl	100	* Waukegan
Jansen, Herbert Daniel	AE	80	* Oshkosh, Wisconsin
Jansen, James Nathan	IA	123	* Pekin
Jansen, Ruth Evelyn	MusEd	105	* Kankakee
Janson, Arthur Oscar	ME		* Menominee, Michigan
Janssen, Herman Gerard	Agr	97	* Chicago
Jaques, John Reede	Bus	33	* Champaign
Jaquith, Dorothy Abigail	LAS		* Chicago
Jarchow, Gertrude Anna Louise	LAS		* Chicago
Jardine, Ray	EE	122½	* Spring Valley, Minnesota
Jaros, Robert Victor	Bus		* Chicago
Jarrett, Harry W	Agr (SS)	54	* Urbana
Jascoviak, Roman Anthony	EE	72	* LaSalle
Jasinski, Romuald Felix	AE	48½	* Chicago
Javier, Pedro V	IA	66	* Pedro Villamiera, Philippine Islands
Jeffers, Adrienne	Ed (SS)	118	* Urbana
Jefferson, Howard B	SS	8½	* Norwalk, Ohio
Jenkins, John Dove	Bus		* Shelbyville
Jenkins, Joseph Leo	Bus		* Johnston City
Jenkins, Thelma Madge	HEAgr	23	* Shelbyville
Jenks, Charles Nelson	AC (SS)	40	* Paris
Jenks, Lucille	LAS		* Elmhurst
Jennings, Kenneth Dickson	AE	35	* Champaign
Jensen, Margaret Frances	Bus		* Chicago
Jensen, Siegfert A	ME	135	* Dwight
Jenson, Gerhard Olaus	Bus	54½	* Edgerton, Wisconsin
Jentzsch, Walter Hans	FC	67	* Chicago
Jerald, Hester Margaret	SS	7½	* Springfield
Jervis, Florence May, B.Mus., 1916	SS		* Champaign
Jess, Evelyn	LAS	28	* Chicago
Jestes, Edmiston Rankin	AC	27	* St. Louis, Missouri
Jewell, Edward Clinton Scott	Bus (SS)	73	* Chicago
Jewell, William Ray	ME	104	* Danville
Jilly, Ralph Fred	EE	109	* Peoria
Jimenez, Jose T	Agr	88½	* Nueva, Philippine Islands
Jobson, Frank Christopher	Bus		* Chicago
Jobst, Valentine	LAS	36	* Peoria
Johns, Ralph Stanley	Accy	79½	* Oak Park
Johns, Sheridan Waite, Jr.	ME	76	* Decatur
Johnsen, Dorothy Caroline	LAS		* Chicago
Johnson, Adelaide Thaxter	LAS	65	* Dixon
Johnson, Anton Julius	Bus	24	* Oak Park
Johnson, Arthur	Arch (SS)	41	* Marshall
Johnson, Arthur Gunner	Bus (SS)	72½	* Urbana
Johnson, Arthur Raymond	CE		* Chicago
Johnson, Beatrice Madeline	LAS	29	* Muskegon, Michigan
Johnson, Charles Everett	Agr	93	* Monmouth
Johnson, Charles Theodore	CL (SS)	70	* Chicago
Johnson, Clara Loy	LAS	109	* Oak Park
Johnson, Clare Alda	Bus (SS)	63	* Urbana
Johnson, Clarence Andrew	Agr		* Riverside
Johnson, Don	CE		* Jonesboro
Johnson, Donald Richard	Accy	36	* Morrisville
Johnson, Earl Victor	ME unc	82½	* Hinsdale
Johnson, Edith Marguerite	LAS		* Urbana
Johnson, Elmer	Law (SS)		* Wayne City
Johnson, Emil Balder	ME	109½	* Crystal Lake
Johnson, Ernest Clayton, Jr.	MinE	108½	* Chicago
Johnson, Florence Beryle	LAS	20	* Wilmette
Johnson, Franklin Pitcher	Agr	101	* St. Louis, Missouri
Johnson, Fred William	ME		* Memphis, Tennessee
Johnson, George Albin	CT	35	* Chicago
Johnson, George Dillon	Bus	95	* Danville
Johnson, Gladys Elizabeth	LAS		* Urbana
Johnson, Gustaf Adolph	CerE	112	* Bloomington
Johnson, Hannah Othalia	LAS	98	* Chicago
Johnson, Harmon Willard	SS	14	* Clinton
Johnson, Helen Christine	HELAS	13½	* Geneva
Johnson, Herbert David	Accy		* Chicago
Johnson, Hilding Andrew	Bus	27	* Chicago
Johnson, Horace Merrill	ME	63	* Chicago
Johnson, Ira Caldwell	Bus (SS)		* Springfield
Johnson, John Robert	Bus	67½	* Mattoon
Johnson, John Sigurd	Bus	67	* Orange, Massachusetts
Johnson, John Thomas	IA		* Urbana
Johnson, Kenneth Burton	AE		* Chicago
Johnson, Laurence Edward	ChE (SS)	64	* Tuscola
Johnson, Leonard Orin	Bus	25	* Champaign
Johnson, Leopold Nathaniel	CE	33	* Batavia
Johnson, Leslie Walter	Bus		* Belvidere

Johnson, Lowell Norman	<i>Law</i>	9	* †	Moline
Johnson, Lucy Ellen	<i>Ed</i>	98	* †	Pana
Johnson, Marion Allen	<i>LAS</i>		* †	Divernon
Johnson, Marvin Leander	<i>SS</i>	8		Waseca, Minnesota
Johnson, Milton Edward	<i>ME</i>		* †	Chicago Heights
Johnson, Nobel Gustav	<i>LAS</i>	90	* †	Paxton
Johnson, Ralph Lawrence	<i>Bus</i>		* †	Chicago
Johnson, Raymond Gustaves	<i>AE</i>	77½	* †	Moline
Johnson, Raymond Ward	<i>SS</i>	6½		Marshalltown, Iowa
Johnson, Robert Clarke Poindexter	<i>Bus (SS)</i>	110	* †	Champaign
Johnson, Robert Thomas	<i>PreL</i>		* †	Fort Wayne, Indiana
Johnson, Robert William	<i>Law</i>		* †	Danville
Johnson, Roger Calvin	<i>AE</i>	36½	* †	Bellflower, Missouri
Johnson, Thomas Pierce	<i>Accy</i>	103½	* †	Homer
Johnson, Vera Hildegard	<i>LAS</i>	89	* †	Muskegon, Michigan
Johnson, Walter Ryerson	<i>FC</i>	81½	* †	Divernon
Johnson, Wilfred Henry	<i>Bus</i>	28	* †	Rockford
Johnson, Willard Rudolph	<i>PreM</i>		* †	Chicago
Johnson, William Ward	<i>PreL</i>	22	* †	Westfield, Indiana
Johnson, Wilma Lee	<i>LAS (SS)</i>	104½	* †	Eldorado
Johnsos, Raymond Dorthius	<i>IA</i>	103½	* †	Chicago
Johnston, Ben Frisco	<i>LAS</i>		* †	St. Elmo
Johnston, Bennett	<i>Bus</i>	67	* †	Chicago
Johnston, Charles Ralph	<i>Law</i>	16	* †	Chicago
Johnston, Everett Otis	<i>Agr</i>	64	* †	Milton
Johnston, George Seely	<i>Bus (SS)</i>	100	* †	Champaign
Johnston, Gillette	<i>LAS</i>	28	* †	Warsaw
Johnston, Grace	<i>LAS</i>		* †	Rock Falls
Johnston, Joseph Edwin	<i>Bus</i>	96	* †	Chicago
Johnston, Martha Frances	<i>LAS</i>		* †	Oakwood
Johnston, Odien Kurtz	<i>LAS</i>	52½	* †	Rocky Ford, Colorado
Johnston, Perry Floyd	<i>Accy</i>	103	* †	Sibley
Johnston, Ray Lytton	<i>Agr</i>	40	* †	Altona
Johonnott, Grace Marie	<i>HELAS</i>	118½	* †	Champaign
Jolly, Harry Vernon	<i>LAS</i>		* †	St. Louis, Missouri
Jolly, Meta Georgia	<i>Jnl</i>	102½	* †	Champaign
Jones, Argyle	<i>LAS</i>	58	* †	Galva
Jones, Arthur Glen	<i>Bus</i>		* †	Galatia
Jones, Arthur William	<i>Bus</i>	30	* †	Buffalo, New York
Jones, Mrs. Beatrice Waggoner	<i>SS</i>	13½		Lebanon
Jones, Benjamin Milton	<i>Agr (SS)</i>	60	†	Humboldt, Kansas
Jones, Blythe Randolph	<i>LAS</i>	36	* †	Petersburg, Indiana
Jones, Byron Theodore	<i>Bus</i>		* †	Urbana
Jones, Charles Randall	<i>Bus</i>		* †	Galatia
Jones, David	<i>LAS</i>		* †	Oak Park
Jones, Donald Armand	<i>PreL</i>	17	* †	Chicago
Jones, Edith Carrington	<i>SS</i>	7		Webster Groves, Missouri
Jones, E Irene	<i>SS</i>	7		Rantoul
Jones, Freda Laura	<i>SS</i>	8		London Mills
Jones, Glenn Abiah	<i>ChE</i>	84½	* †	Medina, New York
Jones, Gomer Beane	<i>Bus</i>	43	* †	Egan
Jones, Harris Wilbain	<i>Jnl</i>	64	* †	Johnston City
Jones, Henry Augustus	<i>Agr</i>		* †	Paris
Jones, Howard Kenneth	<i>IA</i>		* †	Chicago
Jones, Hugh Emlyn	<i>Bus</i>	32	* †	Chenoa
Jones, Ingram	<i>EE</i>	63	* †	Chicago
Jones, J Benton Wesley	<i>CE</i>	36	* †	Danville
Jones, James Edward	<i>Law</i>	36½	* †	Kirkville, Missouri
Jones, James Knox	<i>Bus</i>	118½	†	Wayne, Nebraska
Jones, James William	<i>SS</i>			Dallas, Texas
Jones, Jean J	<i>Cere</i>		* †	Rose Hill
Jones, Laurence Hertle	<i>Accy</i>	70	* †	Chicago
Jones, Lawrence Martin	<i>LAS</i>	37	* †	Oak Park
Jones, Lester	<i>Bus</i>		* †	Oak Park
Jones, Madge Aguatha Marie	<i>LAS</i>		* †	Benton
Jones, Mary Elizabeth	<i>Mus</i>	2	* †	Georgetown
Jones, Maurice	<i>ME</i>	40	* †	San Antonio, Texas
Jones, Maurine	<i>LAS (SS)</i>	67	* †	Urbana
Jones, Millard Lawrence	<i>EE</i>		* †	Oblong
Jones, Norman R	<i>SS</i>	8½		Springfield
Jones, Paul M	<i>Bus</i>		* †	Champaign
Jones, Philip Weldon	<i>IA</i>	31	* †	Chicago
Jones, Ralph Merton	<i>AC</i>		* †	Grayslake
Jones, Raymond Lewis	<i>ChE</i>	96½	* †	Michigan City, Indiana
Jones, Raymond Robert	<i>ME</i>		* †	Chicago
Jones, Richard Norman	<i>Bus</i>		* †	Chicago
Jones, Robert Moore	<i>LAS</i>	124	* †	Chicago
Jones, Ruth Anne	<i>LAS</i>	33	* †	Oak Park
Jones, Silas Philip	<i>LAS</i>		* †	New Orleans, Louisiana
Jones, Thornton Price	<i>Ed</i>	102	* †	Williamsville
Jones, Verne Harold	<i>PreM</i>	48	* †	Bicknell, Indiana
Jones, Warren Fon	<i>LAS</i>	26	* †	St. Joseph, Missouri
Jones, William Edward	<i>EE</i>	4½	* †	Urbana
Jones, William Ralph	<i>SS</i>	10		Oregon
Jones, Wolk Claridge, Jr.	<i>Arch</i>	31	* †	Memphis, Tennessee
Jordan, Clarence Levi	<i>SS</i>	103½		Mt. Carmel

Jordan, Horace	LAS	25	† Chicago
Jordan, Jerome Joseph	AC	66	† Urbana
Jordan, Mary Madelene	LAS	43½	† Urbana
Jordan, M Kathleen	Jnl (SS)	12	* Quincy
Jordan, William C	Bus	68	* Robinson
Jordan, William Hurlbut	EE		* Chicago
Jorden, Myrtle May	LAS	90	* Sesser
Jorgensen, John	CE	76	* Chicago
Joselove, Florence	LAS		* Atlanta, Georgia
Joseph, Effie C	SS	131½	† Hayden, Indiana
Joshi, Anant Keshav	Chem (SS)	85½	* Bombay, India
Joslyn, Theodore Wing	Bus		* Sycamore
Joy, Philip Wickware	CE	72	* Chicago
Judah, Charles Burnet	LAS	74	* Vincennes, Indiana
Judson, Bertha R	Ed	114¼	* Chicago
Judson, Victor James	Agr	36	* Bristol, Indiana
Jump, Harold Joshua	Bus		* Redmon
Jung, Frederic William	Chem	71	* Woodstock
Jungell, Emil Werner	Ed	60	* Chicago
Jungmann, Harold Leon	Chem	122	* St. Louis, Missouri
Junkens, John Hartman	FOM	33	* † Homer
Jury, Coral	HELAS	123½	* Washburn
Kabbes, Sarah Madonna	Accy	64	* † Champaign
Kaczanowski, George	PreM		* Chicago
Kadoch, Adferd Dementrius	LAS	26	* † Chicago
Kaecker, Marie Ann	LAS		* † Ashton
Kaeding, Fred John	Bus		* Chicago
Kaemper, Ernest Fred	ME	119	† East St. Louis
Kagey, Rudolph Hornaday	Jnl	34	* † Champaign
Kagy, Leigh Monroe, A.B., 1922	Law	69	* † Salem
Kahl, Lawrence Frank	Agr	27	* Elgin
Kahlert, James Howard	LAS	32	* † Carlyle
Kahn, Helen Fay	LAS	37	* † Deslogi, Missouri
Kahn, Kathryn	LAS	68	* Chicago
Kaiser, Clifford Allen	Eng	88½	* Chicago
Kaler, Frank Henry	LAS		* Cuba
Kalish, Joseph	Chem	60	* Chicago
Kaminski, Alfred	AC	37	* Chicago
Kamm, Blanche Vivian	LAS	104	* Atwood
Kammerer, Milton Cieler	EE		* Chicago
Kanberg, George Lee	Bus		* Chicago
Kandelin, Leonard Mathew	Eng	71	* Ishpeming, Michigan
Kane, Catherine Mary	LAS (SS)	62	* Champaign
Kane, Clyde Ernest	PreM		* Urbana
Kane, Elias Kent	EE		* Pinckneyville
Kao, Tseh Hou	EE		* Kiangsu, China
Kaplan, Florence Stella	Flor		* Chicago
Kaplan, Henna LaVerne	LAS		* Chicago
Kaplan, Hyman Joseph	SS	62	* Champaign
Kappenmacher, Jerome	Bus	98	* Chicago
Kapple, Ivan	Bus	101	* Chicago
Kappus, George Anthony	PreL		* Elmhurst
Kappus, Julia Anna	HELAS (SS)	77½	* Elmhurst
Karber, James Frederick	SS	13	* Equality
Karber, Mrs. James Frederick	SS	11½	* Cave-in-Rock
Karcher, Raymond Andrew	Bus	69	* † Little Rock, Arkansas
Karges, Lewis Joseph	Bus		* Evansville, Indiana
Karlier, Harry Cullen	ME		* Champaign
Karlson, Arthur	CE	14	* Hinsdale
Karnahan, Hazel Clare	HELAS	101	* Carlinville
Karnes, Thomas Donald	Bus	70	* Fairbury
Karr, Gertrude	LAS (SS)	62	* Renard
Kashin, Boris L	MinE	46	* Harbin, China
Kassel, Charles Edward	Bus		* Melrose Park
Kassel, John Henry Leslie	Accy	101	* Evanston
Kasson, Dee Everett	Arch		* LaGrange
Kastor, Charles Alfred	SS	7½	* Harper, Kansas
Kasza, Sister Jarlath	SS	8	* Springfield
Kaub, Carl William	Bus		* † Chicago
Kaufman, Arthur Stanley	Bus	28	* Seymour, Indiana
Kaufman, Carol	LAS		* † Cairo
Kaufman, Esther	LAS		* † Shelbyville, Indiana
Kaufmann, Howard Edward	Eng	23	* Tiskilwa
Keach, Guy Elston	Bus (SS)	96	* Casey
Keaton, Clarence Alonzo	Bus	68	* Cairo
Keatts, Bernard Dewey	CE (SS)	110½	* Sheldon
Kedwell, Dorothy Ann	LAS		* Muncie, Indiana
Keeler, Alice Lucile	LAS		† Amboy
Keeler, Otis	SS		* Brownstown
Keen, George Frederick	Bus	36	* † Kendallville, Indiana
Keene, Clark Wells	Bus		* Sandwich
Keeney, Herman Fletcher	Agr	72	* Catlin
Kehart, Martin William	CE	49	* Bend
Kehart, Michael William	LAS		* Bend
Kell, Charlotte Ellen	LAS	63½	* Sandwich
Kehoe, James Philip	Accy		* † Washington, Indiana

Keigwin, James Robert	<i>Ag</i>	75%	† Walnut
Keim, Edwin Emmert	<i>Ag</i>	103	* † Mt. Carroll
Keith, Allan Hoiler	<i>PreL</i>		* † Greenville
Keith, Granville Spear	<i>Arch</i>	61	* † Sioux Falls, South Dakota
Keith, John Alling	<i>LAS</i>	94	* † Kenilworth
Kell, John Edwin	<i>LG</i>	24½	* † Kell
Kell, Ray Davis	<i>EE</i>	35	* † Benton
Kelleher, Raymond Charles	<i>CE</i>	4	* † Lansing, Iowa
Keller, Floyd Magnus	<i>Ag</i>		* † Cicero
Keller, Fred James	<i>Bus</i>		* † LaGrange
Keller, Guy Veer	<i>LAS</i>		* † Champaign
Keller, Henry William	<i>EE</i>	37	* † Cicero
Keller, Laurance, Jr.	<i>Bus</i>		* † Elsie
Kelley, John Henry	<i>LAS (SS)</i>	5	* † Farmer City
Kelley, Mary Margaret Gennel	<i>LAS</i>		* † Champaign
Kelley, Preston Woodson	<i>PreM</i>		* † Easley, Missouri
Kelley, Thomas	<i>SS</i>		* † Mt. Vernon
Kelly, Baldwin Nathan	<i>Ag</i>	58	* † Pittsfield
Kelly, Dorothy Virginia	<i>LAS</i>	30	* † Vandalia
Kelly, Harold B	<i>LAS</i>	27	* † Rochelle
Kelly, Helen Rhoda	<i>LAS (SS)</i>	74	* † Champaign
Kelly, Thomas Gordon	<i>IA</i>	34	* † Rushville, Indiana
Kelsheimer, Eugene Gillespy	<i>Ag</i>	105	* † Paris
Kemp, Charles Delbert	<i>SS</i>	186%	* † Waynetown, Indiana
Kemp, Dewey Walter	<i>Law</i>	71	* † Champaign
Kemp, Emery Leland	<i>AE</i>	105	* † Waynetown, Indiana
Kemp, Wendell Walter	<i>Ag</i>	50	* † Wenona
Kemp, Wilson	<i>EE</i>		* † Urbana
Kemperman, John Henry	<i>ME</i>		* † Chicago
Kempner, Kitty Hedwig	<i>LAS</i>	5	* † Urbana
Kempton, Joseph Glenn	<i>Accy</i>	39	* † Richmond, Indiana
Kendall, Alice Eleanor	<i>HELAS</i>	29	* † Victoria
Kendall, David Alden	<i>AE</i>	129	* † Peoria
Kendall, Florence Myra	<i>LAS</i>		* † Victoria
Kendall, Richard George	<i>SS</i>	81½	* † Chicago
Kendrich, Merritt Irwin	<i>Ag</i>	104	* † New Canton
Keneipp, Harold Estus	<i>EE</i>		* † Effingham
Keniston, Earl Goodsell	<i>FOM</i>		* † Manhattan
Keniston, Helen Elizabeth	<i>LAS</i>		* † Champaign
Kenlay, Floyd Marion	<i>PreL</i>	34½	* † Danville
Kennedy, Alice Mary	<i>LAS</i>	63½	* † St. Louis, Missouri
Kennedy, Clyde Sparks	<i>Bus (SS)</i>	55½	* † Freeport
Kennedy, Dayne Harrison	<i>CerE</i>	32½	* † Urbana
Kennedy, Dorothy Ann	<i>LAS</i>		* † St. Louis, Missouri
Kennedy, Dorothy Bernice	<i>Ed</i>	69½	* † Waverly
Kennedy, Fletcher Fisher	<i>ME</i>	99	* † Springfield
Kennedy, Robert Rasbach	<i>Bus</i>	61	* † Sterling
Kennedy, Roy George	<i>CE</i>	35	* † Antioch
Kennedy, Ruth Estelle	<i>HELAS</i>	31	* † Decatur
Kennedy, Wadaran Latamore	<i>Ag</i>		* † Chicago
Kennedy, William Carson	<i>Bus</i>	29	* † LaGrange
Kennedy, William George	<i>EE</i>	75½	* † Champaign
Kennedy, William Harlan	<i>Bus</i>	60½	* † Morrison
Kennelly, Levi Towle	<i>LAS</i>		* † Decatur
Kenney, Harold Eugene	<i>Bus</i>	30	* † Loda
Kenny, James Valentine Joseph	<i>PreL</i>		* † Chicago
Kent, Jessie Leisher	<i>LAS</i>	90	* † Champaign
Kentnor, Clayton Irian	<i>Bus</i>		* † Winnetka
Kenty, William Yergin	<i>Bus</i>		* † Chicago
Kenyon, John Sherman	<i>Ed</i>	76½	* † Aurora
Kepler, Kenneth Kline	<i>Bus</i>		* † Evanston
Kepley, Leona Ella	<i>LAS</i>	100	* † Salem
Kepner, Richard DeMonbrun	<i>SS</i>	15½	* † Charleston
Kerchner, Charles George	<i>Bus (SS)</i>	46½	* † Chicago
Keren, Meyer Jacob	<i>PreM</i>		* † Chicago
Kern, Helen Carol	<i>Ed (SS)</i>	116	* † Gays
Kern, Peter Daniel	<i>Bus</i>	59	* † Dwight
Kern, Roberta Laurella	<i>HELAS</i>		* † Eureka
Kerns, Richard	<i>ME</i>		* † Waverly
Kerr, Edward Francis	<i>Bus</i>	28	* † Springfield
Kerr, Harriett Hazel	<i>LAS</i>	99	* † Metropolis
Kerr, Marshall	<i>Arch</i>		* † Chicago
Kerrigan, Dorothy Mary	<i>LAS</i>		* † Chicago
Kerrigan, William John	<i>Accy unc</i>		* † Chicago
Kerrins, John Quinn	<i>Bus</i>	60½	* † Chatsworth
Kersey, Rose Marie	<i>Ed (SS)</i>	100	* † Shannon
Kershaw, Edward James	<i>LAS</i>	31½	* † Kankakee
Kerwin, Harry Martin	<i>Bus</i>	44	* † Wauconda
Kerz, Marita	<i>LAS</i>	14	* † Galena
Kesler, Clifford Roy	<i>Accy</i>	106½	* † Danville
Kesner, Robert Abraham	<i>Bus</i>		* † Chicago
Kessinger, Harriet Elizabeth	<i>LAS</i>	69	* † Carlinville
Kessler, Gladys Marie	<i>Jnl</i>		* † River Forest
Kessler, Irvin John	<i>CL</i>	63	* † Belleville
Kessler, Ruth Elizabeth	<i>LAS</i>		* † River Forest
Kessler, Ward Phelson	<i>Eng</i>		* † Chicago

Kestin, Olive Kraas	LAS		* † Chicago
Ketcham, Earle Hoyt, Ph.B., A.M., 1919, 1921	Law	34½	* † Grand Rapids, Michigan
Ketchum, Martha Esther	LAS	33	* † Urbana
Kettelkamp, Rose Marie	Agr unc	10	* † Urbana
Kettering, Mrs. Grace Joycelyn	SS	2½	* † Orion
Kettleson, Lloyd Berton	AC		* † Champaign
Keusch, Edwin Frank	EE (SS)	108½	* † Kansas City, Missouri
Kewley, Robert James	LAS	158½	* † Champaign
Keyes, Otis Walton	LAS unc	40	* † Champaign
Keyser, John McFarland	Bus	33	* † Mt. Carmel
Khan, Allah Kuli	SS	8	* † Chicago
Kias, George Warren	AC		* † Coulterville
Kibler, William Adolf	SS	6½	* † Cissna Park
Kiefer, Alvin Earl	ME		* † Chicago
Kienzle, Georgia Florence	SHHEEd	106½	* † St. Joseph
Kieran, John Thomas	Jnl	36	* † Danville
Kieran, William Anthony	SS	134	* † Danville
Kilbury, Gennette Fae	Bus	97½	* † St. Joseph
Kiley, James Fairchild	EE		* † Kansas
Killefer, Frances Wickliffe	LAS	63	* † Urbana
Killefer, Miriam Elizabeth	SS	81	* † Urbana
Kilton, William Darrell	Agr	16	* † Urbana
Kim, Chyung Eun	LAS	16	* † Rong Chyun, Korea
Kimbell, Robert Raymond	Bus	2	* † Oak Park
Kimber, Mary Cecelia	LAS	49	* † Centralia
Kimmel, Lucinda Alice	HEAgr (SS)	40	* † Lawrenceville
Kimmel, Lyman Burton	Agr		* † Thompsonville
Kimmel, William Dean	CerE	33	* † Duquoin
Kincaid, Helen	LG	185	* † Wichita, Kansas
Kincaid, Jack Herbert	Bus	66	* † Chicago
Kinder, Agatha Charity	LAS	35	* † Lawrenceville
Kinder, Bern Benton	SS	17	* † Cape Girardeau, Missouri
Kinder, Nellie Louise	LAS	2½	* † Hayden, Indiana
Kinderman, Frederick William	CL	27	* † Oak Park
Kindt, Harvey William	Bus	19	* † Chicago
King, Cordius	LAS		* † Keithsburg
King, Donald Stewart	Arch		* † Peoria
King, Edwina Pauline	Bus		* † Tonica
King, Florence Dorothy	LAS	82	* † Greeley, Colorado
King, Harriette	LAS	3	* † New London, Ohio
King, Howard Hill	PreL		* † Hillsboro
King, John M	SS	8½	* † Shannon, Mississippi
King, Marcus Randolph	PreL (SS)	114	* † Chicago
King, Marguerite Leona	LAS		* † Farmer City
King, Maurice Vinton, Jr.	EE (SS)	87	* † Lakewood, Ohio
King, Otto Larue	CE	23	* † Riverton
King, Ruth Opal	LAS	73	* † Champaign
King, Walter Bernard	SS	141½	* † Ewing
King, Wilfred Thomas	EE	36	* † Memphis, Tennessee
King, William Scott	CE		* † Winnetka
Kingma, Albert E	SS	6	* † Lansing
Kingsbury, Charles Howard	PreM		* † Milwaukee, Wisconsin
Kingsbury, Franklin Laffin	ChE (SS)	106	* † St. Louis, Missouri
Kingsland, Lyle George	Bus		* † Canton
Kinchofer, Garma Genevieve	SS	77	* † Metamora
Kinley, Janet	LAS	99	* † Urbana
Kinnane, Charlie Herman Thomas	Law	68	* † Urbana
Kinnane, Edward Joseph Paul	LAS		* † Urbana
Kinnare, Paul Francis	Bus	40	* † LaGrange
Kinsey, Dan Chapin	AC (SS)	69½	* † St. Louis, Missouri
Kinsey, Elizabeth Edythe	Jnl	31	* † Champaign
Kinsey, Halladay Medcalf	LAS	66	* † St. Louis, Missouri
Kinson, Albert Eugene	ME		* † Joliet
Kiram, Tarhata	LAS	33½	* † Jolo, Philippine Islands
Kirby, John Dillingham	Bus		* † Chicago
Kirby, Mabel Ella	SS		* † Champaign
Kirchner, Herbert John	PreM	30	* † Harvey
Kirchner, LeRoy William	Accy (SS)	61	* † Harvey
Kirk, Alfred Edward	Bus		* † Champaign
Kirk, Charley Edmund	Agr (SS)	100½	* † Oblong
Kirk, James Covington	Bus	58½	* † Champaign
Kirk, Susie Mary	SS	20½	* † Quincy
Kirk, Thornton Robert Lee	Bus	79½	* † Champaign
Kirk, Todd	SS	117½	* † Kirksville, Missouri
Kirkbride, Margaret	LAS		* † Oak Park
Kirkpatrick, Kenneth Wilson	Accy	67	* † Urbana
Kirkpatrick, Vera Lucille	Ed (SS)	69½	* † Urbana
Kirkpatrick, William Orvis	ME	39	* † Lacome, Alberta
Kirkwood, Anna Carr	LAS	96	* † Lawrenceville
Kirsch, Anthony Richard	Accy	69	* † Clinton, Indiana
Kirsch, Donald Bruce	Jnl	31	* † Chicago
Kirsch, Jacob Alexander	Bus	94	* † Benton
Kirsch, Joseph Hudelson	Eng	26	* † Benton
Kirschner, Leslie Gordon	PreL	32	* † Barrington



Kirsner, Harold Robert	Accy	64	* † Chicago
Kirtley, Lowell Maurice	SS	8	* † Linton, Indiana
Kiser, Russell Buren	Jnl	13	* † Wellington
Kissinger, Eloise Dorothy	HELAS		* † Bradford
Kistner, Harriet Wilemina	Ed (SS)	77	* † Indianapolis, Indiana
Kitchell, Helen D	LAS	2	* † Morrisonville
Kite, Manuel Cecil	Bus	29½	* † Chicago
Kittle, Mary Nadine	HEAgr	68	* † Peoria
Kjome, Thurston Augustus	LAS unc		* † Decorah, Iowa
Kleckner, Ernest Lloyd	Agr		* † Rockford
Kleerup, Alex Nels Olaf	CerE		* † Chicago
Klees, James Mathias	Bus	27	* † Chicago
Klein, Charles Frederick	AE		* † Hinkley
Klein, Milton Preston	LAS	1½	* † Chicago
Klein, Otto Gustav	PreM	68	* † Chicago
Klein, Walter Charles	Bus		* † Chicago
Klemt, Leslie Franz Arthur	Bus	100	* † Chicago
Klett, Mildred Ernstena	SS		* † Galena
Klika, Ervin Robert	Bus		* † Oak Park
Klindt, Herbert James	AC	62	* † Chicago
Kline, Elwin Foster	Bus	28	* † Chicago
Kling, Margaret Aimee	LAS (SS)	102	* † Dixon
Klingebiel, Ray Irvin	Law	59	* † East Moline
Klingensmith, Willey Peter	AE		* † Washington, Indiana
Klingler, Chester Paul	Bus	34	* † Chicago Heights
Klingler, Lester James	Bus	31½	* † Chicago Heights
Klinkmann, Frederick John	Accy		* † Nashville
Klivans, Harold Irving	Bus	53	* † Youngstown, Ohio
Klockenga, Helen Phyllis	SS	3	* † Pekin
Klontz, Mrs. Augusta	SS	35	* † Champaign
Kloppenburgh, Ralph Haase	Arch	36	* † Davenport, Iowa
Kloppenburgh, Victor Louis	Ins	103	* † Davenport, Iowa
Klorfine, Milton	Chem	71	* † Chicago
Klow, Lena	LAS	28	* † Chicago
Klump, Ada Florence	LAS	113	* † Strasburg
Klump, Norma Frances	LAS	108	* † Strasburg
Klute, Milton Harry	Bus	32	* † Chester
Klute, Roy Harvey	Bus	98	* † Chester
Knapheide, Marjorie Hortense	LAS	54	* † Quincy
Knapp, Clyde Guy Frank	AC		* † Long Prairie, Minnesota
Knapp, Vernon	SS	99½	* † Ashton
Knarr, Katharine Margaret	LAS	29	* † Buffalo, New York
Knauer, Mable	LAS	30	* † DuQuoin
Knecht, Walter Grote	EE	69	* † Elgin
Kneer, Donald Laurence	Bus		* † Peoria
Kneeshaw, Gladys Stella	Bus	119	* † Niles, Michigan
Knetzer, George Edmund	Bank	23	* † DuQuoin
Kniebusch, Harold Carl	AE	34½	* † LaCrosse, Wisconsin
Kniel, Alexander Norman	Bus		* † Dixon
Knight, Don R	SS		* † Warren, Indiana
Knight, Helen Bernice	LAS (SS)	33	* † Chicago
Knight, Helen Gould	LAS		* † Weldon
Knight, Paul	Ed (SS)	61	* † Frederick
Knight, Paul Dempsey	Ed unc	45	* † Urbana
Knipe, Ralph Ernest	LAS		* † Mt. Carmel
Knipp, Frances Mary	LAS	30	* † Urbana
Knobloch, Louis Frank	PreL	32	* † Arthur
Knobloch, Kenneth David	ME		* † Chicago
Knoche, Henry William	Bus unc		* † Onarga
Knoche, Mrs. Shirley Stevenson	HELAS	66	* † Gilman
Knotts, Warren	Accy	29	* † Urbana
Knowlton, Gladys G	SS	8½	* † Bushnell
Knox, Walter Andrew	PreL	88½	* † Morrison
Knudson, George	Jnl		* † Chicago
Knur, Phoebe Ann	HEAgr		* † Shabbona
Koch, Francis Joseph	Agr		* † Chicago
Koch, Helen Durand	LAS	100	* † Alton
Koch, Katharine Comyn	Ed	120	* † Alton
Koch, Leo Joseph	CE	63	* † Chicago
Koch, Lorin Chester	Agr	79	* † Varna
Koch, Robert Walter	Bus	33	* † Belvidere
Koch, Victor Hugo	Bus	62	* † Highland
Koch, William Mortimer, Jr.	Agr	126	* † Varna
Koebelin, Russell Lawrence	Arch		* † Chicago
Koehler, Henry Aspin	PU		* † Chicago
Koehn, Geneva B	Ed (SS)	95	* † Tuscola
Koenen, Albert Theodore	MinE	67	* † Baldwin
Koenigsberg, Florence Bernice	LAS		* † Chicago
Koepke, Edward Frank	Bus	30	* † Chicago
Koepping, Verna Viola	LAS	30	* † Chicago
Koerfer, Paul Edward	EE	113½	* † Aurora
Koestner, Paul Andrew	PreM	32	* † Chicago
Koff, Salmon Abraham	PreM	26	* † Chicago
Kohl, Edith	LAS (SS)	103	* † Centralia
Kohl, Leona Josepha	Mus	102	* † Belleville
Kohler, Randall Creighton	Agr		* † Detroit, Michigan

Kohlhagen, Grace Emily	LAS (SS)	72	* † Frankfort
Kohlhagen, Olive Elizabeth	SS	102	* † Frankfort
Kohout, Jerre	Agr	123	* Chicago
Kohr, Walter Heilman	Bus	26	* Chicago
Kolb, Margaret	LAS	78	* † Mt. Carmel
Kollman, Elmer Harvey	PreL		* † Villa Park
Kolmer, Louis Christians	FC	31	* † Waterloo
Kong, Yue Tai	Chem (SS)	69	* † Canton, China
Kong, Mrs. Yue Tai	LAS		* † Canton, China
Konichak, James Theodore	AC (SS)	70½	* † Prairie du Chien, Wisconsin
Koogler, Dorothy	LAS		* † Champaign
Koons, John Charles	REE	72	* † Winnetka
Kopf, Harry Clifford	Bus	68	* † Chicago
Kopp, Thaddius Waldamore	IA	70	* † Chicago
Koppel, Emanuel	AE	26	* † Chicago
Koppel, Maurice George	AE	36	* † Chicago
Koptik, Rose	SS	32½	* Cicero
Kordell, Leon Bruno	CE	130	* Chicago
Koritz, Lloyd Amos	Agr (SS)	76	* † Thawville
Korol, Elliott	Bus		* Chicago
Koropp, Karl Henry	MinE		* † Chicago
Korpinen, Lauri Ilmari	AE	48½	* † Abo, Finland
Korshak, Donald	PreL	2	* † Chicago
Kosvich, David	Arch	104	* † Chicago
Kovarik, Frank Andrew	Accy	88½	* † Lyons
Kraeger, Alice Edwardine	LAS	97	* † Pekin
Kraemer, Emily Bertha	LAS		* Chicago
Kraft, Charles Watson	Bus		* Wilmette
Kraft, Fred William	Bus	16	* † East St. Louis
Kraft, Frederic Wolfe	EE	80½	* Chicago
Kraft, Louis Powell	ME		* Collinsville
Kramer, Harry Summerfield	Bus	26	* † East St. Louis
Kramer, Joseph Louis	Law	30	* † Chicago
Kramer, William Puntteney	Arch	35	* † Rushville, Indiana
Krael, Dorothy Marie	HELAS	100	* † Danville
Krause, Christine Marie Louise	LAS	18½	* † Dieterich
Krauskopf, Karl Hort	Bus	66	* † Maywood
Krautherin, Edgar Helmuth	CE		* † Granite City
Krebs, Virginia Mary Ann	SS	10	* Carlyle
Kreer, John George, Jr.	EE	70	* † Chicago
Kreider, Charles Marr	Eng	14½	* † Chicago
Krell, Ernest Otto	EE	31	* † Springfield
Krens, Edgar John	EE	109	* † Pasadena, California
Krenz, Mathilde Hannah	LAS	113	* Chicago
Kress, William Edward	Accy	96	* † Springfield
Kretschmer, Weldon Ora	Bus		* † Elgin
Kreuser, Theodore Anthony	CE	80½	* † Chicago
Krick, John Richard	Eng		* † Indianapolis, Indiana
Kricke, Alice	SS	128	* † Beardstown
Krickhaus, Elles Walter	LAS	66½	* † Herrin
Krieg, Arthur Walter	AE	97	* † Riverside
Kriegsman, Florence May	LAS	100½	* † Pekin
Kries, Edwin D.	LAS		* † Grayville
Kries, Elden Laurence	Accy	103	* † Grayville
Krieter, Frances Wilma	Bus		* Chicago
Krocker, Leonie Gertrude	SS	7	* Milwaukee, Wisconsin
Kroenlein, Irma Cecelia	LAS	64	* † St. Louis, Missouri
Kroll, Harris Neal	LAS		* † St. Louis, Missouri
Krone, Paul Robert	Jnl		* † Bryan, Ohio
Krows, Carolyn Frona	LAS (SS)	7	* † Champaign
Krueger, David Eugene	EE	110	* Chicago
Krueger, Edward Otto	EE		* † Grant Park
Krueger, James Fred	Accy	16	* † Fargo, North Dakota
Krumsieg, Raymond George	IA	88	* Chicago
Kruse, Waldemar Carl, Jr.	PreL	109½	* † Champaign
Kuan, Cheng Lieh	CE		* † Mukden, China
Kube, Robert Hamilton	Bus		* Chicago
Kubicek, Edward Albert	PreM		* Chicago
Kucera, Margaret Evelyn	LAS	41	* † Chicago
Kuechler, George Jacob Meier	Bus		* † Maywood
Kuehne, Harold Hugo	Bus	27	* † Chicago
Kuehnel, Reno Walter	Bus		* † Chicago
Kuehnel, Royal Herbert	Bus	30	* † Chicago
Kugler, Ruth	CT	66	* † Plano
Kuhl, Kenneth William	Jnl		* Chicago
Kuhl, Melvin Henry	Eng	71	* † Chicago
Kuhle, Hildrid Florissa	Bus		* † Decatur
Kuhle, Orlando Augustus	Law	64	* † Decatur
Kuhlemeyer, Ferne Viola	LAS	64	* † Pearl City
Kuhlemeyer, Helen Johanna	LAS		* † Maywood
Kuhlemeyer, Lola Ellen	LAS	38	* † Pearl City
Kuhn, Rita Mae	LAS	31	* † Streator
Kuhnen, Harold Harry	Agr	62	* † Highland
Kubns, John Robison	EE		* Chicago
Kulakowsky, Charles Edward	Law	27	* Chicago
Kuller, John Walter	Ins (SS)	111	* † Champaign

Kunke, Alvin Waldemar	Bus		* † Elgin
Kunstadler, Ralph Hess	PreM		* † Homewood
Kunz, Henry Laurence	REE	63	* † Springfield
Kunz, Irvin	SS	92½	* † Beloit, Wisconsin
Kunze, Ernest John	Ed	115½	* † Marissa
Kuppinger, Harold Earl	EE	106	* † Mason City, Iowa
Kurru, Charles Gustav	LAS	66	* † East St. Louis
Kurtz, Dwight Howard	AC		* † Bellflower
Kurtz, Frances	LAS	91	* † Pasadena, California
Kurz, Norman William	Bus	32½	* † Chicago
Kurzenkabe, John Henry	Bus		* † Chicago
Kussell, Dorothy Gertrude	SS	7	* † Chicago
Kwan, Sung-Kin	Arch	46	* † Tientsin, China
Kwicinski, John Stanley	Bus	37½	* † Chicago
Kyger, Roy Jay	SS	130½	* † Danville
Kyle, George Thomas	LAS	55½	* † East St. Louis
Laadt, Edward Jerome	Bus	22½	* † Chicago
Laadt, William John	Bus	106	* † Chicago
Laase, Fred Henry	Agr	101½	* † Mazon
LaBelle, Vincent R	Bus		* † Oak Park
Lachemmyer, Agnes Lucille	LAS (SS)	92½	* † Champaign
Lackey, George Abraham	PreL		* † Lawrenceville
Lacy, George Russell	SS		* † Weslaco, Texas
Ladner, James Herman	SS	9%	* † Athy, Kansas
LaFollette, Bernelle	LAS	67	* † Rantoul
Lafuze, Donald Frazier	SS	120½	* † Liberty, Indiana
Lager, Raymond	Eng		* † Mason City
Lagergren, Harold	ME		* † Chicago
Lahnde, Cecelia	SS		* † Forest Park
Laiol, James William	EE	37	* † Cicero
Laird, Leslie Keeley	IA (SS)	36	* † Walseka
Lake, Marian Evans	HELAS	56	* † Wheaton
Lake, Mary Florence	LAS	101	* † Blountsville, Indiana
Lake, William Paul	AE	114½	* † Dayton, Ohio
Lamb, Foster William	ME		* † River Forest
Lamb, Gladys Elmira	Educ	97½	* † Bement
Lambert, Elizabeth Mary	LAS	32	* † Maywood
Lambert, Kathryn Mary, B.S., 1923	SS		* † Arthur
Lambert, Raymond Reuse	Accy		* † Kankakee
Lambert, Stanley George	Eng		* † Ottawa
Lambright, Edwin	LAS		* † Covington, Indiana
Lamet, Leon Louis	Bus		* † Warsaw
Lamp, Edward Ewaldt	MSE unc (SS)	40	* † Rock Island
Lamp, Henry William	PreM	24	* † Rock Island
Lampe, Chester Edward	CerE	73	* † Quincy
Lampert, Mrs. Esther Nelson	LAS	66	* † Urbana
Lampert, Max	LAS	103	* † Forest Park
Lancaster, Samuel Pettinger	Eng	131	* † Chicago
Land, Logan	LAS	36	* † Epworth
Lander, Russell Herbert	Agr	67	* † Belvidere
Landfield, Joseph David	Bus	99	* † Chicago
Landis, William Speer	Bus	93	* † Chicago
Landon, Harry Ivan	Agr	49	* † Rio
Landon, Robert Chapman	LAS	15	* † Chicago
Landreth, Arion	AC		* † St. John, Kansas
Lane, Beatrice Harriett	Bus unc		* † Chicago
Lane, Charles Felder	PreL	68	* † Chicago
Lane, Doris Eloise	LAS		* † Evanston
Lane, Frank James	LAS		* † Ingleside
Lane, Harold Guy	ME (SS)	108½	* † Belvidere
Lane, James Russell	AC	29½	* † Crete
Lang, Eleanor	LAS		* † Trenton, New Jersey
Lang, Frederick William	Arch	111	* † Evanston
Lang, Irene Estella	LAS		* † Champaign
Lang, Viola Gladys	LAS	34	* † Chicago
Lang, William Joseph	Eng (SS)	33	* † Chicago
Langan, James Rennie	ME		* † Cairo
Lange, Fred Carl	CE	63	* † Cicero
Langellier, Maurice Fielding	Bus (SS)	30	* † Clinton
Langhoff, Ruth	LAS		* † Urbana
Langham, Irene	LAS	101	* † Keyesport
Lansford, Wallace Monroe	CE	106	* † St. Peter
Lansford, William Isham	Agr	46	* † St. Peter
Lansing, Pearl Elizabeth Jones	HEAgr		* † Champaign
Lansing, William Dwight	Chem	62	* † Ottawa
Lantz, Lawrence Lee	LAS		* † Wellman, Iowa
LaPlant, Mildred Annetta	LAS	29	* † Antioch
LaPlante, Louis Emory	CL		* † Champaign
Lappin, Marion Cecil	SS	12½	* † Marion
Larimer, John Dodds	ME		* † Peoria
Larkin, Joseph C	SHAEd	93	* † Loogootee, Indiana
Larmon, Philip, Jr.	Bus		* † Chicago
Larmon, Virginia Porter	LAS unc		* † Bowling Green, Kentucky
Larry, Herbert Freeman	CE	70	* † Champaign
Larsen, Christian Leslie	EE	101	* † Chicago
Larsen, Mildred Louise	LAS		* † Chicago

Larsen, Thorleif	IA	19	* † Chicago
Larsen, Valdemar Charles, Jr.	LAS	88½	* † Oak Park
Larsen, Vernon George	Bus		* † Oak Park
Larson, Andrew	LG unc (SS)	47	* † Hult Håbol, Sweden
Larson, Carl G	Bus	119½	* † Oak Park
Larson, Carl Uno	EE	20	* † Chicago
Larson, Eleanore Ruth	LAS	69	* † Chicago
Larson, Erland Cornelius	Agr	30	* † DeKalb
Larson, Gladys V	LAS	33½	* † Decatur
Larson, Leslie L	LAS	30½	* † Chicago
Larson, Marian Lodeska	LAS (SS)	6	* † Champaign
Larson, Paul Filip	CerE	111½	* † Mazon
Larson, Roy Frederick	ME	67	* † Chicago
Lasco, Harrel Luliver Ray	Agr	26	* † Antioch
Lashmet, Edwin Joseph	CE		* † Winchester
Lassagne, Theodore Hawley	LAS	28½	* † Chicago
Lassers, Leon	Bus		* † Chicago Heights
Lassers, Sanford	Bus		* † Chicago
Latham, Ora Florence	SS	128	* † Springfield
Lathrop, Lester Eugene	IA		* † Chicago
Latowsky, Erwin Ewald	CL	11½	* † Urbana
Lau, Shue Prak	Bank		* † Honan, China
Lauchner, Aaron Hawthorne	SS	9	* † East Alton
Lauder, Frank Wesley	EE	20	* † Cartersville
Lauer, Carl William	RA	36	* † Roanoke, Indiana
Laughlin, Anne Catherine	SS	69	* † Mattoon
Laurence, Verletta	LAS		* † Anna
Lauritsen, Donald Lampton	Jnl	34	* † Chicago
Lavieri, Frank Joseph	PreM	38	* † Chicago
LaVoo, Myra Adell	SS	7	* † Warren, Ohio
Law, Blanche Beatrice	LAS	103	* † Springfield, Missouri
Law, Clifford Julian	ME	120½	* † Springfield, Missouri
Law, Glenn Cline	AC	36	* † Cairo, West Virginia
Law, Lois Leota	SS		* † Vandalia
Lawder, Homer Lee	PreM	33	* † Rockwood
Lawler, John Hugh	LAS		* † Rushville
Lawley, Eugene Victor	AC		* † Trinidad, Colorado
Lawrence, Harry Franklin	SS	2	* † Cameron, Missouri
Lawrence, John William	PreM	30	* † Terre Haute, Indiana
Lawrence, Thomas Maurice	Bus	111½	* † Springfield
Lawrence, Wasson Watts	ME	114	* † Fairfield
Lawson, John De Buhr	PreL		* † Mount Olive
Lawson, Ralph Mathew	CL		* † Hillsboro
Layman, Foster Randolph	CE	30	* † Simsboro, Arkansas
Layne, Duff Bertram	Bus	57	* † Centralia
Lazarus, Bernhard	IA	70	* † Chicago
Lazarus, Mildred	LAS	51	* † Chicago
Lazovsky, Marian	LAS		* † Chicago
Lea, George Dewey	IA	97½	* † Tiskilwa
Leach, Ione Margaret	LAS	64	* † Joliet
Leach, John Corbin	EE	71½	* † Chesterfield
Leach, Mary Lee	SS		* † Chicago
Leach, Olwen Maxine	LAS	99	* † McLean
Leach, Orous Ira	Ed (SS)	116	* † Louisville
Leahy, Arthur Englert	AC	33	* † Chicago
Leahy, Frank Spellman	CL	65	* † Chicago
Leake, Gertrude Louise	Mus		* † Amboy
Leaming, Jeremiah Cropsey	LAS	99	* † Highland Park
Leasure, Vivian Aline	CT	33	* † Champaign
Leckrone, Meredith	LAS	22	* † Chicago
LeConte, Alfred	Jnl	66	* † Danville
Lederer, Edwin Rudolph	Bus	100	* † Bloomington
Ledesma, Serapion Buenafe	PreM (SS)	33	* † Lagonoy, Philippine Islands
Ledvinka, Leroy	AE	38½	* † Chicago
Lee, Alma Philbrook	SS	36	* † Urbana
Lee, Clarence Lloyd	LAS	117	* † LaFayette, Indiana
Lee, David	Agr	72	* † Victoria, British Columbia
Lee, Donald Orval	Agr	68	* † Hoopeson
Lee, George B	Bus		* † Harrisburg
Lee, Kian Gie	ME (SS)	137	* † Batavia, Java
Lee, Oliver Dittmer	AC	60	* † Niles, Michigan
Lee, Robert Edward	LAS		* † Silvis
Lee, Sherman Quentin	CerE	127	* † West Chicago
Lee, Ting Kwei	SS	2½	* † Yunnan, China
Lee, William Grant	MinE		* † Chemung
Leemon, Helen Blanche	LAS	22	* † Champaign
Leeper, Gladys	LAS	31	* † Lima
Leer, Mrs. Elizabeth Frances Powell	LAS	30	* † Washington, D. C.
Leesch, Marvin Bernard	Bus		* † Chicago
Leet, John Luke	AC		* † Grayville
de Leeuw, Abraham	LAS (SS)	104½	* † Chicago
Lefkow, Bernard	Bus		* † Chicago
Leggett, Leora Lillian	HEAgr	120	* † Chatsworth
Leggett, Robert Jonathan	Bus		* † Springfield, Massachusetts
Lehman, Arthur William	Bus	103½	* † Bloomington
von Lehsten, Arnold	AC	86½	* † St. Louis, Missouri

Lei, Man Wa	Bank	65½	* + Hong Kong, China
Leib, Francis Ellsworth	EE	36	* + Springfield
Leibert, Edwin Reisinger	Jnl	68	* + Robinson
Leiding, Oscar Isador	LAS		* + Geneva
Leighly, Hollis Philip	Agr (SS)	101	* + St. Joseph
Leighty, Willis Jay	Agr	38	* + Billett
Leist, Claude, A.B., A.M., 1918, 1921	SS		* + Paris
Leiter, Arthur	SS	9	* + Kendallville, Indiana
Le Jeune, Theo Francis, Jr.	IA		* + Oak Park
Leka, Floyd Edward	Eng	62	* + Illiopolis
Le Master, Dorothy Louise	HELAS		* + Bushnell
Lempert, Elizabeth Jane	LAS		* + St. Louis, Missouri
Len, Yuey	LAS	29	* + Kankakee
Lenfest, Grace Evelyn, A.B., 1912	Lib	1	* + University Place, Nebraska
Lenfeste, Fred Alten	Bus		* + Evanston
Leonard, Catherine Marie	Ed	60	* + Forest Park
Leonard, Irma Leone	LAS	31	* + Rantoul
Leonard, Lois Ann	HELAS	74	* + Rantoul
Leonard, Marion Roger	LAS	30	* + Forrest
Leonard, Raphael Theodore	Agr	24	* + Eureka
Leonard, Thomas Gehlbach	LAS		* + Lincoln
Lepper, David Russel, B.S., 1923	SS		* + Syracuse, Indiana
Lepper, Ruth Gladys	Mus	36	* + Syracuse, Indiana
Lesch, Edward Christian	LAS	71	* + Danville
Lesemann, Ralph Frederick, A.B., 1922	Law (SS)	47½	* + Nashville
Leslie, Robert Thies	Chem	88½	* + Belleville
Less, Mary Louise	HELAS	23	* + Urbana
Lessman, Lema Lewis	LAS		* + Harvel
Lester, Clyde Wilbur	SS	8	* + Fisher
Lethen, Charles Arnold	Bus		* + Chicago
Le Tissier, Homer	LAS		* + Bath
Leuenberger, Ray Constant	Bus		* + Elgin
Le Vee, Raymond N	AE	64	* + Chicago
Levin, Lewis Lazarus	Bus	94	* + Chicago
Levin, Manuel Morris	Accy	81	* + Chicago
Levin, Meyer	Bus	78	* + Chicago
Le Vine, Howard Jack	PreM	36	* + Chicago
Levinsohn, Carolyn	Mus	2	* + Urbana
Levinson, Arthur Aaron	Chem	114½	* + Chicago
Levis, Edward Nelson	SS	48½	* + Allon
Levitez, Norman Arthur	Chem		* + Chicago
Levitt, Marie	LAS	60	* + Sailor Springs
Levor, Lorraine S	FC		* + Attica, Indiana
Levsen, Marvin C	Law		* + Wyoming, Iowa
Levy, Jerome Benjamin	PreL	26	* + Chicago
Levy, Leonard Julius	Bus		* + Chicago
Levy, Oscar Charles	EE	39	* + Chicago
Levy, Russell David	EE	72	* + Oak Park
Levy, Ruth Marion	LAS	31	* + Beloit, Wisconsin
Levy, Ruth Phyllis	Jnl		* + Chicago
Levy, Seymour Benjamin	PreL		* + Chicago
Levy, William Benjamin	PreL		* + Chicago
Levystein, Alan Labell	CerE	85½	* + Chicago
Lewinthal, Frances Ida	LAS		* + Chicago
Lewis, Charles Bennett	Flor	90	* + Wheaton
Lewis, Everett	Law	58	* + Benton
Lewis, Frances Marion	LAS	9	* + Long Beach, California
Lewis, Franklin Spencer	Bus (SS)	93	* + Chicago
Lewis, Harold Wilcox	Law	50	* + Quincy
Lewis, Hubert duBois	LAS	6	* + Oak Park
Lewis, John Wilson, Jr.	Bus		* + Marshall
Lewis, Joseph Thomas	Bank	39½	* + Oak Park
Lewis, Kent Van	Jnl (SS)	33½	* + Robinson
Lewis, Marion Amanda	LAS	12	* + Chicago
Lewis, Sister Mary Imelda	SS	6	* + Lincoln, Nebraska
Lewis, May Lucile	Ed	109½	* + Urbana
Lewis, Preston M	Agr (SS)	106	* + Urbana
Lewis, Raymond Charles	SS	9	* + Monroe City, Missouri
Lewis, Samuel Harvey	SS	9½	* + Alderson, West Virginia
Lewis, Sumner Fay	LAS (SS)	119	* + LaGrange
Lewis, William Byrd	SS	6	* + DeSoto, Missouri
Leyden, Richard John Thomas	IA	70	* + Chicago
Lhatka, Helen Betty	LAS		* + Chicago
Li, Chen Hwang	CE	126½	* + Chinkiang, China
Li, Kuan Chung, B.S., 1919	SS		* + Peking, China
Li, Tsu-ching	Bus (SS)	69½	* + Chinkhai, China
Li, Yin Chin	RCE	83	* + Haskin, China
Liang, Chi Chao	Bank		* + Canton, China
Libin, Aaron	Arch	48	* + Chicago
Libman, Minna Andrea	PreM (SS)	92	* + Chicago
Libunao, Jose Bautista	RA (SS)	119	* + Malas, Philippine Islands
Lichty, Kermit Chase	Bus	30	* + Zion City
Lichty, William Harold	MinE		* + Zion City
Lidschin, Max	Bus	134½	* + Chicago
Lidster, Harold Albert	Agr	36	* + Mattoon
Lieber, Perry William	Bus		* + Winnetka

Liederman, Sidney Edward	Bus	83½	* † St. Louis, Missouri
Lierman, Adeline	LAS		* † Champaign
Lierman, Dorothy Gretta	LAS		* † Champaign
Liesse, LeRoy Benjamin	PreM		* † Peru
Ligare, Robert E	IA		* † River Forest
Liggett, William Alexander	LAS	45½	* † Virden
Liggett, William LaVerne	Accy	65	* † Metropolis
Lightbody, Randall A	Bus		* † Gary, Indiana
Lighty, Margaret Rebecca	LAS	72	* † Cicero
Lill, James Edward	AE	33	* † Los Angeles, California
Lill, Maxine S	LAS		* † Chicago
Lilly, William Stavely	SS	10	* † Philadelphia, Pennsylvania
Limmar, Ruth	LAS		* † Chicago
Lin, Wau Yan	Bank (SS)	65½	* † Tjilatjap, Java
Lincoln, George Winthrop, Jr.	CCS unc		* † Chicago
Lind, Hjordis Angelica	LAS	66	* † Urbana
Lind, Paul Berthel Nickolas	PreL	25½	* † Chicago
Lindblade, Lester Ernest	Arch		* † Moline
Linde, Gerald Herman	Accy	101	* † Chicago
Linde, Gertrude Irene	LAS (SS)	84	* † Chicago
Linde, Herman Ferdinand	Jnl		* † Chicago
Linder, Lincoln Wendell	LAS		* † Mattoon
Linder, Marion Lewis	LAS		* † Hartford City, Indiana
Linderoth, Louise Natalie	LAS	30	* † Chicago
Lindley, Frances	LAS	32	* † West York
Lindley, Hazel Ruth	LAS	32	* † Urbana
Lindley, Mary	HELAS	96	* † Hutonsville
Lindley, Mary Helen	LAS	44	* † West York
Lindley, William Price	Jnl	103	* † Sullivan, Indiana
Lindner, Charles Terry	Law		* † Auburn
Lindquist, Carolyn, B.S., 1923	LAS irr		* † Chicago
Lindroth, Alban William	Bus		* † Libertyville
Lindsay, James Douglas	ME	100	* † Springfield
Lindsey, Alta Ruth	SS	7	* † Interior, South Dakota
Lindsey, Clara Pearl	LAS	89½	* † Madison
Lindsey, Robert Earl Alexander	Agr	27½	* † Farmer City
Lindsley, Robert Browning	Accy		* † Hartford City, Indiana
Lindvall, Frederick Charles	REE	100	* † Moline
Ling, Ho Ching	C&E		* † Tientsin, China
Ling, Mei Shing	Ed	104	* † Serang, Java
Lingenfelter, Mildred Grace	LAS	33	* † Lawrenceville
Link, Louis John	RCE	102½	* † Chicago
Linke, Marion Newton	SS	6½	* † Hope, Indiana
Linn, Arnold John	Bus	100	* † Roberts
Linn, Frances S	LAS		* † Roberts
Linn, Marguerite Ann	LAS	30	* † Roberts
Linnard, Lawrence Gilbert	LG	99	* † Peotone
Lino, Frank Dominic	SS	128½	* † Chicago
Linquist, Lester Lawrence	ME	35	* † Chicago
Linstrum, Vina Dorothea	LAS	111	* † Assumption
Linthicum, Cecil Ivan	SS	80½	* † Mattoon
Lipe, Cordon Clyde	AC	79½	* † Peoria
Lipe, Kenneth Jack	Agr unc		* † Chicago
Lipe, Lonnie L	SS	9	* † Scranton, Arkansas
Lipe, Mrs. Opal Verner	HEAgr		* † Champaign
Lipe, Raymond Casper	IA (SS)	94½	* † Chicago
Lipman, William Sidney	Eng	2	* † Chicago
Lippman, Marion Isabelle	LAS	35	* † Chicago
Liscom, William Martin	Bus	100	* † Beardstown
Lisenby, Harold Rhoades	LAS		* † Champaign
Little, Clarence Henry	SS	8½	* † Valley Center, Kansas
Little, Elmer Phelps	SS	130	* † Champaign
Little, Florence Mabel	LAS	60½	* † Rantoul
Little, Irwin	AC		* † Hillsboro
Little, John Frederic	CE		* † Chicago
Little, Monta Elizabeth	HELAS	59½	* † Champaign
Littlepage, Hamilton Sterling	SS	8	* † Girard
Littlepage, Harold Edwin	EE		* † Girard
Litton, Marie Myrtle	Bus (SS)	37	* † Urbana
Liu, Hsi Chin	ME	87	* † Ping Hsiang, China
Liu, Jii I	RA		* † Chikhi, China
Livengood, Carl Gleason	Agr		* † Atwood
Livesay, Durward Paul	Eng	107	* † East St. Louis
Livesey, Herbert Bailey	PreL		* † Chicago
Livesey, Norman Everett	Bus		* † Chicago
Livingston, Frank Leland	LAS	29	* † Minonk
Livingston, Grace	LAS	24	* † New Richmond, Indiana
Livingston, Samuel Wilson	IA	37½	* † New Richmond, Indiana
Lloyd, Clement Vivian	CE	3	* † Kingston, British West Indies
Lloyd, Ivan Stuart	PreM		* † Kingston, British West Indies
Lochner, Harry William	CE		* † Glencoe
Lock, Dorothy Margaret	LAS		* † Glen Ellyn
Lockard, Earl Norton	LAS		* † Chicago
Locke, Howard Cattron	Agr	27	* † Ellisville
Lockett, Lela	SS	72½	* † Pekin
Lockhart, Harold Benton	Agr	32	* † Palestine

Lockhart, Paul H	<i>Agr</i>	103½	* † Palestine
Locklin, Lucile	<i>SS</i>		* † Rio
Lockwood, Walter Raymond	<i>LAS</i>	24	* † Chicago
Lodge, Louise Finley	<i>LAS</i>	107	* † Paris
Lodge, William Tinder	<i>Eng</i>	32	* † Monticello
Loeb, Sidney	<i>AE</i>		* † Chicago
Loekle, Otto John, Jr.	<i>Agr (SS)</i>	100	* † Peru
Logan, Charles Harold, Jr.	<i>Accy</i>	99	* † Decatur
Logan, Clark	<i>SS</i>	8	* † Decatur
Logan, Ralph Alfred	<i>CL</i>		* † Arcola
Logan, Thomas Harrison	<i>IA</i>	34	* † Bethany
Logan, William	<i>Bus</i>		* † Chicago
Logsdon, Frederick Laurence	<i>Agr</i>	14	* † Shawneetown
Loh, Ming Sung	<i>EE</i>	173½	* † Shanghai, China
Loh, Ying Ho	<i>ME</i>		* † Canton, China
Loh, Ysing Tsaaan	<i>Bank</i>	83½	* † Canton, China
Long, Dorothy Alice	<i>LAS</i>		* † Aurora
Long, Edward Roy	<i>LG</i>		* † Danville
Long, Edwin Earl	<i>IEd</i>	44	* † Rantoul
Long, Ella Ruth	<i>LAS (SS)</i>	24½	* † Garden City, Kansas
Long, Frank Hersur	<i>Jnl</i>	7½	* † Chicago
Long, Glen Earl	<i>FC (SS)</i>	60	* † Hoopeston
Long, Harry Jimeddie	<i>SS</i>	7½	* † Decatur
Long, Henry Alvertis	<i>PreM</i>	29	* † Metropolis
Long, Hugo	<i>PreM</i>		* † Chicago Heights
Long, Mary Wilson	<i>LG</i>	68	* † Metropolis
Long, Roy Clarence	<i>EE</i>	29	* † Springfield
Long, Wendell Burton	<i>Bus</i>	67	* † Rantoul
Long, Wilbur Nelson	<i>Law</i>		* † Carthage
Long, Willard Judson	<i>Agr</i>		* † East Moline
Long, Zola Pearle	<i>LAS (SS)</i>	29½	* † Champaign
Longbons, Belle, B.Mus., 1922	<i>SS</i>		* † Champaign
Longbons, Helen	<i>Mus</i>	31	* † Marion
Longcor, Willard Herrick	<i>Law</i>		* † Urbana
Longfellow, Harold Russell	<i>EE</i>	106	* † Anderson, Indiana
Loomis, Marion Hulbert	<i>LAS</i>		* † Grand Rapids, Michigan
Lorenzen, Albert I	<i>CL</i>		* † Chicago
Lorsch, Hans	<i>REE</i>	100	* † Kansas City, Missouri
Lotz, Celestine Phyllis	<i>LG</i>	28	* † Lockport
Lotz, Richard Franklin	<i>EcE</i>	34	* † Lockport
Lotz, Robert Frederick	<i>ME</i>		* † Chicago
Loucks, Paris William	<i>SS</i>	88	* † Hillsboro
Louden, Robert Hadley	<i>CerE (SS)</i>	110	* † Collinsville
Louis, Elizabeth Valentine	<i>LAS</i>	60	* † Champaign
Love, Adam Wayne	<i>Accy</i>	40	* † Shelbyville
Loveless, Marion Eugene	<i>Accy</i>		* † Fisher
Loving, Charles Lloyd	<i>EE</i>		* † Loami
Lovvorn, Joseph Edgar, Jr.	<i>Bus (SS)</i>	106	* † Okeechobee, Florida
Low, Elise	<i>LAS</i>	41	* † La Porte, Indiana
Lowe, Edith Marion	<i>Ed (SS)</i>	111	* † Casey
Lowe, George William	<i>Bus</i>		* † Algonquin
Lowe, Helen Audrey	<i>LAS</i>	26	* † Decatur
Lowe, Herbert Byron	<i>Bus (SS)</i>	28	* † Decatur
Lowe, Ruby Elizabeth	<i>HELAS</i>		* † Casey
Lowenhaupt, Grace	<i>CCS</i>		* † Mt. Vernon, Indiana
Lowenstein, Louis Adams	<i>PreL</i>		* † White Hall
Lowenthal, Harold Alvin	<i>CL</i>		* † Chicago
Lewis, Frank Ashton	<i>Agr</i>	67	* † Morrisville
Lubelsky, Benjamin L	<i>MinE</i>	104	* † Chicago
Luby, Evelyn Grace	<i>LAS</i>		* † Chicago
Lucke, Russell Stewart	<i>CerE</i>	39	* † Chicago
Luckey, George Alonzo	<i>Bank</i>	97	* † Farmington
Luckey, Laura Foley	<i>HEAgr</i>	30	* † Potomac
Ludlow, Edmund	<i>Eng</i>	32	* † Paxton
Ludlow, Florence Marjorie	<i>LAS</i>		* † Champaign
Ludolph, Paul Christian	<i>EE</i>		* † Arcola
Ludwig, Leon Robert	<i>REE</i>	67	* † Kansas City, Missouri
Luedke, Robert William	<i>SS</i>	68½	* † Mattoon
Luhnrow, Fred	<i>Bus</i>	6	* † Oak Park
Luhrs, John Frederick	<i>ME</i>	35	* † Quincy
Luke, Waldene Francis	<i>Bus</i>	35	* † Chicago
Luking, William Joseph	<i>LAS</i>		* † Raymond
Lumsden, Harold A	<i>LAS (SS)</i>	93	* † Urbana
Lunak, Constance Frances	<i>HELAS</i>	41	* † West Chicago
Lunak, Kenneth Charles	<i>LAS</i>		* † West Chicago
Lund, Helen Dorothea	<i>Bus</i>	91	* † Chicago
Lundeberg, Thurston Roger	<i>AE</i>	17	* † Chicago
Lupton, Perley Thomas	<i>Bus</i>		* † Decatur
Luscombe, Harold Bradley	<i>PreM</i>		* † Chicago
Lusted, Stephen Warren	<i>LAS</i>		* † Wilmette
Luther, Helena Marie	<i>LAS</i>	30	* † Dundee
Luthringer, Marshall Sampsell	<i>EE (SS)</i>	78	* † Petersburg
Lycan, Mary Louise	<i>LAS</i>	74	* † Paris
Lycan, William Hiram	<i>Chem</i>	93½	* † Vermilion
Lyddon, Clyde O	<i>Bus</i>	64	* † Rockford
Lydon, Eugene Keeley	<i>LAS</i>		* † Chicago

Lyman, Ormond Ferris	Bus	93	* † Oak Park
Lynch, Earl Walter	SHAE	78	* † Attica, Indiana
Lynch, Floyd William	Bus	3	* † Tonica
Lynch, John George	Eng	36	* † Chicago
Lynch, John Joseph	CE	108	* † Maywood
Lynch, Wayne Edwin	EE unc	38	* † Tonica
Lynd, Joseph Merle	IA	117	* † Springfield
Lyon, Luther Hancock	Bus	52½	* † Wheaton
Lyon, Stuart Wellington	ME	143	* † Chicago
Lyon, William Jotham	Ag	154	* † Georgetown
Lyons, Ernest Lee	SS	154	* † Champaign
Lyons, George Wade	REE	118½	* † Chicago
Lyons, Kathleen A	SS	4	* † Urbana
Lyons, Pamela Elizabeth	LAS		* † Berwyn
McAdam, Joseph Lee	AC	16	* † Pana
McAdams, James Dellon	Bus		* † Chicago
McAdoo, Hazel Murphy, A.B., 1923	HELAS irr		* † Harrisburg
McAdoo, Clarence Ewin	Accy	51½	* † Litchfield
McAdoo, Elizabeth Terry	LAS	32	* † Litchfield
McAdow, Helen Elizabeth	LAS	99½	* † Chicago
McAllister, Richard Alexander	CE		* † Sparta
McAlpin, Beula Holland	HELAS	69	* † Marion
McAnnulty, James Simpson	Bus	27	* † Chicago
McAtee, Fay Emmett	Eng	35	* † Barry
McAuley, Clement Edmiston	EE		* † Dawson Springs, Kentucky
McAuliffe, Daniel Charles	SS		* † Butte, Montana
McBrien, Charles Christopher	Law	61	* † Mt. Vernon
McBrien, Mary Jane	HELAS	26	* † Mt. Vernon
McBride, Elizabeth Alberta	LAS		* † Kokomo, Indiana
McBride, Glen Clovis	PreL	55	* † Decatur
McBride, John Bruce	SS	8½	* † Plainville, Indiana
McCabe, James Russell	MSE	151	* † Des Moines, Iowa
McCaffery, Sister Mary Clare	SS	10½	* † Rock Island
McCaleb, Charles Albert	Jnl	99	* † Chicago Heights
McCaleb, Homer Lyle	Bus		* † Oconee
McCallister, Don Clarence	AC (SS)	27	* † Champaign
McCallister, Ralph Berk	LAS		* † Champaign
McCalman, Helen	LAS		* † Danville
McCamen, Helen DeEtte	LAS		* † Robinson
McCammon, Dorothy	Ed	90	* † Springfield
McCammon, George Arthur	Eng	60	* † Springfield
McCarthy, Cecelia, A.B., 1920	Lib		* † Champaign
McCarthy, Francis Joseph	Bus	32	* † Highland Park
McCarthy, Marion Brennan	Jnl	28	* † Chicago
McCarty, Earle Joseph	Eng		* † Chicago
McCarty, Irving James	Eng		* † Chicago
McCarty, Willard Robert	EE		* † Carmi
McCaskill, Yolande	HELAS	105½	* † Champaign
McCauley, Doris Helen	LAS	87	* † Hoopeston
McClain, James Ingram	Bus		* † Grand Junction, Colorado
McClain, Riley	CL	30	* † Metcalf
McClam, Carl Sheldon	SS	7½	* † Olivet
McClary, Earl William	LAS	30	* † Chicago
McClelland, Mrs. Leona	SS	2	* † Bement
McClelland, Robert Bruce	Ag	99½	* † Chicago
McClelland, Grace Lee	LAS (SS)	41	* † Champaign
McClelland, Harold Alexander	Bus	93	* † Champaign
McClelland, Marion Miller	CE	106	* † Champaign
McClelland, Milburn	Ag	83½	* † Chicago
McClelland, Robert Jeffry	Bus	4	* † Western Springs
McCluer, Paul	SS	132½	* † Champaign
McClung, Virgil Choice	SS	7½	* † Petersburg, Indiana
McClure, Olive Jane	HEAg	97½	* † Gibson City
McCollom, Perry Cecil	CerE		* † Urbana
McComb, Helen Plummer	LAS	42	* † Champaign
McConkey, Lysander Humphrey	EE	54½	* † Urbana
McConkey, Ruth	LAS	26	* † Farmer City
McConnaughey, Robert K	SS	7	* † Dayton, Ohio
McConnell, Abram Bodine	SS	128	* † Woodstock
McConnell, Everett Jacob	Ag	35	* † Herrick
McConnell, Herbert Porter	PreM		* † Danville
McConnell, Mary Caroline	LAS	106½	* † Chicago
McConnell, Ralph Alan	Ag		* † Woodstock
McConnell, Robert Lenton	AC	52	* † Baylis
McConnell, Russel Norman, Jr.	PreL		* † Chicago
McConville, Sister Mary Augusta	SS	14	* † Nauvoo
McCord, Mary Isabelle	LAS	103	* † Streator
McCord, Thomas Orville	SS	7	* † Normal
McCord, William Maurice	CE		* † Kansas
McCormick, Maxine Elizabeth	Mus	27	* † Champaign
McCormick, Ray Elmer	Bus	57½	* † Ambia, Indiana
McCormick, Seth Theodore	ME	53	* † Waterloo, Iowa
McCormick, Vera	LAS	68	* † Urbana
McCormick, Wilfred	LAS		* † Hagerman, New Mexico
MacCorquodale, Donald William	Chem	122	* † Chicago
McCown, Charles Bruce	MinE	79	* † Carbondale



McCown, Mrs. Elsie Scott	LAS	38	* Marissa
McCoy, Glen Archie	LAS	96	* Centralia
McCoy, Harry Allan	Bus	63½	* Wichita, Kansas
McCoy, Horace Wilson	CE		* Springfield
McCoy, Lorena Martha	LAS	101	* Danville
McCoy, William Henry	Bus	59	* Rockford
McCracken, Leonard James	AC	35	* Greenville
McCrae, Claude Washington	ME	44	* Chicago
McCreary, Benjamin Franklin	SS	24½	* Doyeland, Alberta
McCreery, Sarah Hamilton	LAS	26	* Rushville
McCrory, Aaron Frank	EE	34	* Metropolis
McCue, Hilma Mabel	LAS	32	* Springfield
McCulloch, Horace Young	Agr	67	* Paris
McCulloch, William Worth	Bus	25½	* Pontiac
McCullough, Donald Bell	EE	37	* Maywood
McCullough, Esther	LAS		* Evanston
McCullough, James Edsall	Bus		* Evanston
McCullough, James H. Jr.	ME	61	* Champaign
McCullough, James Richard	Law (SS)		* Chicago
McCullough, Mary Crebs	LAS		* Lawrenceville
McCullough, Raymond Eugene	ME		* Oblong
McCune, Thornton Calvert	Jnl (SS)	63	* Chicago
McCurdy, Aurelia Belle	LAS	22½	* Chicago
McCurdy, Emily Hoyt	SS	4	* Memphis, Tennessee
McCusker, Inez Jane	LAS	59	* Mattoon
McDaniels, Monte	SS	7½	* Columbia, Tennessee
McDavid, Clarence Raffety	Bank		* Hillsboro
McDavitt, Caroline Mary	LAS	24	* Quincy
McDavitt, Thomas Virgil	Bus	39½	* Quincy
McDermott, Agnes	LAS	42	* Champaign
McDermott, Margaret Cecelia	SS	74	* Champaign
McDevitt, Harold Willard	Agr	85	* Jacksonville
McDill, George Hamilton	LAS	29	* Bushnell
McDonald, Alice Bernice	Bus		* Urbana
McDonald, Bernard Alexander	AC	34	* Menominee, Michigan
McDonald, Donald Everett	Law (SS)		* Aurora
McDonald, Edgar Eugene	SS	29	* Chicago
McDonald, Elliott Raymond	PreL	29	* Sullivan
McDonald, Harold James	Bus	74	* Joliet
McDonnell, Margaret M.	LAS		* Champaign
McDougle, Ella De	HELAS		* Charleston
McDow, Dwight Nevlin	FC		* Dow
McDowell, Clarence Merle	ME	133	* Cedar, Iowa
McDowell, Francine Elynora	LAS	73	* Chicago
McEachorn, Curtis Daniel	Bus	97	* Rockford
McEdwards, Hugh Addison	LAS	34	* Chicago
McEldowney, George Bowie	Bus	23	* Chicago Heights
McElhern, Virginia Love	LAS		* Springfield
McElroy, George Harold	Bus	102	* Jerseyville
McElwee, Ermel James	Bus		* Sidney
McElwer, Charles Thomas, Jr.	Law	6	* Peoria
McEwan, Digory William	Bus	62	* Forest Park
McEwen, Willard Lewis	ChE	71	* DeKalb
McFadden, Willard Lance	LAS		* Decatur
McFadden, Winfield Bruce	LAS		* Havana
McFarland, Charles Lee, B.S., 1922	SS		* West Chicago
McFarland, Philip Eugene	Bus	53	* Chicago
McFerran, Benicia Lowe	FC	8	* Moore, Montana
McGaan, Mary Gladys	Ed	67	* Altona
McGaughey, George Samuel	Law	51	* Staunton
McGeath, John Floyd	SS	37½	* Elkhart, Indiana
McGee, Alice Eva	LAS	99	* East St. Louis
McGehee, Carl Winston	Bus		* Chicago Heights
McGill, Elizabeth Lorene	HELAS	30	* Watseka
McGinnis, Dorothy	LAS	34	* Ladoga, Indiana
McGinnis, Esther	LAS		* Aurora
McGinnis, George Cletus	PreM		* Warren
McGinnis, Mildred	Accy	60	* Carbondale
McGinnis, Ruth	Ed	93½	* Aurora
McGlashon, Donald Walker	CE (SS)	65½	* Kirksville, Missouri
McGowan, William Ignatius	LAS	94½	* Manhattan
McGranahan, Irene	LAS		* Champaign
McGrane, Marcella	LAS		* Chicago Heights
McGrath, Catherine Sedulia	LAS (SS)	94	* Springfield
McGrath, Edna Mary	SS	76½	* Freeport
McGrath, Irving Thomas	ME	103	* Chicago
McGrath, Louise Elizabeth	LAS	35	* Morris
McGregor, James Rollen	Bus	104½	* Oskaloosa, Iowa
McGrew, Donald John	SS	6	* Racine, Wisconsin
McGrane, Eleanor Marie Antoinette	LAS	23	* Chicago Heights
McGuire, Gladys Mabel	LAS		* Rantoul
McGuire, Letha Pearl	SS	15	* Thayer, Iowa
McGurk, Ruth Emily	LAS		* Terre Haute, Indiana
McHose, Joseph Chauncy	Bus (SS)	102½	* Griggsville
McHugh, Joseph Weir	CerE	110	* Ft. Collins, Colorado
McIlhenny, Collin Wilfred	Bus	32	* Littleton

Mollwain, Jean Raey	LAS		* † Highland Park
Mollwain, Wallace Wesley	ME	71	* † Highland Park
Mollwaine, Robert Louis	ME	42½	* † Oak Park
McInnes, Jesse Samuel	EE	44	* † Sidney
McInnes, Sterling Joseph	Agr	97	* † Sidney
McIntire, Charles Edwin	Bus	33	* † St. Louis, Missouri
McIntosh, Alexander Ennis	Law		* † Rockville, New York
McIntosh, Glenn Forrest	Ins		* † Washington, Indiana
McIntyre, John Myron	Bus	2	* † Newman
McKay, Robert Rankin	AC		* † Champaign
McKeague, Edward Daniel	CE unc	4	* † Chicago
McKee, Harley James	Arch	34	* † Kankakee
McKee, William Henry	EE	27	* † Champaign
McKenna, Arthur Anthony	Bus	67	* † Chicago
McKeown, Hugh Samuel	SS	9	* † Buda
McKeown, Marjorie Evelyn	LAS	63	* † Stronghurst
McKeown, Mattie Ann	SS	8	* † Lawrenceville
McKinley, Florence Emma	Ed	95	* † Decatur
McKinney, William Harold	Bus	63½	* † Clinton
MacKinnon, Russell Harrison	EE	71½	* † Amboy
McKinstry, Bruce	Bus		* † Kankakee
McKittrich, James Estem	Agr (SS)	117	* † Pana
McKnight, Dana Inghram	CE (SS)	70	* † Aurora
McKnight, Dorothy Virginia	LAS	103	* † Collinsville
McKnight, Meredith Elmer	Bus	24	* † Fowler, Indiana
McKnight, Virgil	LAS		* † St. Louis, Missouri
McKown, Lisle William	Agr	84	* † Raymond
MacLaggan, Robert Charles	Bus		* † Chicago
McLaughlin, Eldon LeRoy	PreL	32	* † Elkhart, Indiana
McLaughlin, Jerome Durham	Bus	33	* † Kankakee
McLaughlin, Leonie Anne	LAS		* † Chicago
McLaughlin, Marguerite	SS	8½	* † Coulterville
McLaughlin, Wayne Chamberlain	IEd	33	* † Griggsville
McLean, Anita Claire	Bus	32	* † Champaign
McLean, Helen Frances	LAS (SS)	62	* † Champaign
MacLennan, George John	Accy	98	* † Springfield
MacLeod, Robert Bruce	Agr		* † Champaign
MacLeod, Sidney James	PreM	88½	* † Chicago
McMahan, Robert Lova	Bus		* † Indianapolis, Indiana
McMahan, Russel Samuel	SS	4½	* † Champaign
McMains, Thomas	EE		* † Oklahoma City, Oklahoma
McManus, Fred James	PreL	35½	* † Chicago
McManus, William Albert	Agr	95½	* † Chicago
McMaster, Archie James	EPh	99	* † Peoria
McMillan, Helen Marie	LAS	76	* † Carthage
McMillan, Ivan Ruric	LAS	17	* † Downs, Kansas
McMillan, Julia Margaret	LAS	42	* † Carthage
McMillan, Paul Edgar	LG	105	* † Sparta
McMillan, Ruth Belle, A.B., 1923	SS		* † Stronghurst
McMillen, James Willard	Mine	104	* † Grayslake
McMullin, Raymond Drake	AE		* † Lexington
McMunn, Richard Lacey	Agr	115	* † Neoga
McMurray, Judge Watson	SS	6	* † St. Louis, Missouri
McMurray, Russell Edward	ChE	55	* † Peoria
McNair, Francis Gary	CerE	91½	* † Batavia
McNair, Robert Hugh	Agr	31	* † Winnebago
McNally, Dorothy Jane	LAS	31	* † Champaign
McNally, Josephine	LAS		* † Chicago
McNamara, Harry Theodore	Bus	27	* † Prophetstown
McNaught, Maurice L	Bus	27	* † London
McNaughton, Charles Robert	Arch		* † Connersville, Indiana
McNaughton, William Caswell	ME	31	* † Connersville, Indiana
McNeill, Clara Mae	HELAS		* † Champaign
McNeill, Libbie Marguerite	LAS (SS)	15	* † Champaign
McPhail, Mrs. Coeina Donnelly	SS	6	* † Alton
McPheeters, Russel Denton	IA		* † Sullivan
MacPherson, William Mathew	RCE	23	* † Chicago
McQuerrey, John Howard	SS	8½	* † Liberty, Missouri
McRae, Malcolm William	EE	32½	* † Chicago
McVey, Dora Blanche	Ed	94½	* † Pocahtontas
McVey, Garland William	Agr	63½	* † Monmouth
McVicker, Edith Eleanor	HELAS	53	* † Taylorsville
MacWherter, William Kile	SS		* † Decatur
Maas, Carroll Jacob	IA	48	* † Equality
Mabie, Eleanor	LAS	98	* † Evanston
Macono, John Dominic	EE	36	* † Toluca
Mace, Harold Albert	PreL		* † Canton
Mackay, Donald	Agr	68	* † Urbana
Mackay, George Gordon	Bus	35	* † Addison, New York
Mackay, Isabel	HELAS	60	* † Urbana
Mackay, Mirza French	SS	5	* † Urbana
Mackay, William John	CE	38	* † Mt. Carroll
Mackey, Florence May	LAS	73	* † Plankenton, South Dakota
Mackey, Warren Barrett	LAS	70	* † Plankenton, South Dakota
Maedod, Arthur Rutledge	Bus	29	* † Oak Park
Madden, Alice Lauretta	Bus (SS)	12	* † Champaign

Madden, Wilbur F	Bus		* † Clinton
Maddox, Anna Mae	SS	8	* † Clayton
Madison, Francis William	CE	66	* † Kankakee
Madsen, Harold Michael	ME	14½	* † Chicago
Mages, Morris	EE		* † Maywood
Maggee, Muriel A	Ed	99½	* † Watseka
MaGirl, Willis James	ME	34	* † Bloomington
Magner, Walter Joseph	LAS unc	31	* † Chicago
Magnuson, Lawrence H	Bus		* † Chicago
Magnussen, Henry George	IA	70½	* † Chicago
Magnusson, Alberta	LAS	68	* † Arcola
Magnusson, Leonard Gilbert	CE	94	* † Chicago
Magoon, Clarence Elmer	Bus		* † Ferguson, Missouri
Magor, Robert Browning	LAS	32	* † LaGrange
Maguire, Mary Josephine	SS	98½	* † Alton
Maguire, Ramon Francis	Bus	29	* † Urbana
Maher, Frank William	Bus		* † Champaign
Mahon, George A	SS	7½	* † Warren
Mahoney, Edmund Patrick	Eng	88½	* † Chicago
Mahoney, Lewis Holmes	LAS	100½	* † Moline
Maier, Dolly Marjorie	LAS		* † Monticello
Maier, Vincent Paul	Bus	35	* † Chicago
Majeski, Arthur Edwin	IA	89½	* † Chicago
Major, Charles Frederick	AC	48	* † Champaign
Major, Helen Margaret	Accy		* † Champaign
Makeever, Samuel Joseph	Agri (SS)	38½	* † Marseilles
Malcolmson, Cherrie Katherine	LAS (SS)	8	* † Chicago
Maletz, Michael	ME	66	* † Chicago
Mallers, Charles Eaton	LAS	36½	* † Chicago
Mallers, Edward Benjamin	SS	157½	* † Chicago
Malmberg, Carl George	SS	8	* † Lee
Malmer, Alvin Eugene	FC		* † Aurora
Maloney, William Wiley	Bus	67	* † Chicago
Maloy, Edward J	PreL		* † Summit
Malsbury, Cecile Ione	HELAS (SS)	98	* † Virden
Malter, Jerome Mitchell	AE	56	* † Chicago
Mamer, Theodore Roberts	IA		* † Campus
Mandell, Louis Darrell, Jr.	AE	37	* † Chicago
Manes, Virgil Dresser	Bus	44	* † Quincy
Mangan, George W	EE		* † Sterling
Mangan, Margaret Thorne	LAS	33	* † Aurora
Mangold, Mrs. Jane Thomas, A.B., 1908	HEAgri irr		* † Champaign
Manion, Peter Patrick, Jr.	MinE	33	* † St. Louis, Missouri
Manley, Addison Cook	EE		* † Champaign
Manley, Florence Virginia	LAS	86	* † Evanston
Manley, Verne Paul	Bus unc		* † Mt. Carmel
Mann, Clifford Walter	Bus		* † Manteno
Mann, Frances Lorraine	PreL		* † Urbana
Mann, Harold McKinley	LAS (SS)	58	* † Danville
Mann, John Ellis	Bus	66½	* † Metropolis
Mann, Lawrence Henry	Bus		* † Shumway
Mann, Theophilus Marcellus	LAS	71	* † Columbus, Ohio
Mann, William Allen	SS	142½	* † Kansas City, Missouri
Mann, Wilma Minna	HELAS	95	* † St. Louis, Missouri
Mannen, Everett Merle	Bus	33	* † Waltonville
Manning, Dana Wayland	LAS		* † Morrisonville
Manning, Horace Merrill	LAS (SS)	33½	* † Evanston
Manning, Mary Elise	LAS	64	* † Morrisonville
Manspeaker, Caroline Elizabeth, B.S., 1920	SS		* † Champaign
Manuel, Leonard Edward	Eng	96	* † Des Plaines
Maranville, Lorree Mildred	SS	8	* † Lewistown
Marberry, M Marion	Jnl		* † Urbana
Marbold, Charlotte Riche	LAS	115	* † Greenview
Marciniah, Jerome Benedict	ChE	88½	* † Chicago
Margolis, Ralph	AC	97	* † Chicago
Margrave, William Bagby	ChE	92	* † Thebes
Marine, Everett Hotaling	EE		* † Chicago
Marion, Bernice	LAS		* † Louisiana, Missouri
Marion, Thelma Elizabeth	LAS (SS)	90	* † Louisiana, Missouri
Mark, Benjamin Edwin	Bus	33	* † Chicago
Mark, Seth	SS	½	* † Marshall, Missouri
Markert, Frederick Schaefer	CerE	111	* † East St. Louis
Markie, D Lafal	CerE	65½	* † Evanston
Markman, Paul	Jnl	99	* † Benton
Markwell, Hope Geraldine	HELAS	6	* † Stonington
Marlaire, Sylvester Jack	Bus	33	* † Kankakee
Marlow, Erma	LAS		* † Champaign
Maroe, Luella May	LAS	105½	* † Rushville
Marquam, William Colmer	Bus		* † Hinsdale
Marquardt, George	LAS	3	* † Oak Park
Marquardt, John Walter	SS	160½	* † Urbana
Marquardt, Teresa Elizabeth	LAS	31	* † Urbana
Marr, Hazel Elizabeth	LAS	66	* † Oak Park
Marr, Lillian Amanda	LAS		* † Urbana
Marrs, Mildred Cathryn	HELAS	33	* † Chicago
Marah, Clarence Dean	Eng		* † Decatur

Marsh, Mary Elisabeth	Bus	57	*	Evansville, Indiana
Marsh, Robert Lockwood	Bus	35	*†	Evansville, Indiana
Marshall, Bernice Louise	LAS	68	*†	Serena
Marshall, Elsinere John	LAS	48	*†	Washington, D. C.
Marshall, James Grant	LG	32	*†	Lake Forest
Marshall, Paul Amos	PreL		*	Chicago
Marshall, Richard Eades	Bus		*	Streator
Marshall, Thomas	SS	134	*†	Barnardston, Massachusetts
Marston, Dorothy	LAS		*	San Rafael, California
Marti, Julius Sebastian	LAS		*†	Highland
Martin, Mrs. Almeda Bernice	SS		*	Albion, Michigan
Martin, Boniface	SS	8	*	Peru
Martin, Cecil Lawrence	PreM	65	*†	Eldorado
Martin, Cecil William	SS	8½	*	Litchfield
Martin, Clare Blakeslee	LAS	51	*	Chicago
Martin, Doris Cleone	HEAgr		*	Champaign
Martin, Duane Leslie	Lav	30	*	Quincy
Martin, Edmund Robert	ChE	51½	*	Chicago
Martin, Fay	LAS	76¾	*	Benton
Martin, Fay Virgil	PreM	13	*	Gary, Indiana
Martin, Frances Elizabeth	LAS	28	*	Urbana
Martin, Harold Easton	RA	64	*	LaPorte, Indiana
Martin, Helen M	LAS		*	Riverside
Martin, Hollie Ehudy	AC	29	*	Perrysville, Indiana
Martin, John David	Bus		*	Watseka
Martin, Mabel Ann	LAS	64	*	Riverside
Martin, Marion Alexander	PreM	15	*	Cairo
Martin, Olive Eden, A.B., 1923	SS		*	Sullivan
Martin, Renick James	PU	28	*†	Bloomington
Martin, Russell Read	SS	101½	*	East St. Louis
Martinson, Ernest Leslie	CE	106	*	Paxton
Martone, John	AC	48	*†	South Barre, Massachusetts
de Martorell, Luis	CE	41½	*	Coruna, Spain
Marty, Katherine	LAS	64	*	Chicago
Marvel, Gertrude Mary	HELAS	46	*†	Waynesville
Marx, Henry Joseph, B.S., 1923	SS		*	St. Louis, Missouri
Marzulo, Sam Charles	AC	56½	*†	Rochester, New York
Mashek, Edward Bernard Joseph	Eng	73	*†	Collinsville
Mason, Clarence English	ME	98	*	Buda
Mason, Edward William	LAS (SS)	99½	*	Urbana
Mason, George Clarence	Chem	123½	*	Highland Park
Mason, Glenn Eldridge	Agr	64½	*	Rushville
Mason, Harold Gordon	RCE	35	*	Libertyville
Mason, Helen Elizabeth	Mus (SS)	96	*	Arthur
Mason, Vivian E	LAS unc (SS)	115	*	Chicago
Massey, Lloyd Calvin	Bus	32½	*	Urbana
Masterson, Charles Thomas	AE		*†	Highland Park
Matheny, Oliver Sahley	SS	8½	*	Columbus, Ohio
Mathews, Della Emerzilla	LAS	69	*	Bement
Mathews, Loral Shelby	Bus		*	Marshall
Mathis, Alvin Leroy	LAS (SS)	126½	*†	Bloomfield
Mathis, Archie Eugene	AC (SS)	37½	*†	Bloomfield
Mathis, Catheryn	SS	8½	*	Vienna
Mathis, Doris Margaret	LAS	95½	*	Chicago
Mathis, John Archibald	PreM		*	Tamaroa
Matkocsik, Arpad Andrew	Bus	82½	*	Westville
Matlock, Robert LaVern	Agr	99	*	Yorkville
Matlock, Thelbert Carter	AC		*	Cairo
Matteson, Frank Augustus, Jr.	CE		*	Joliet
Matthes, Emma Alice	Bus		*	Woodstock
Matthews, Mrs. Alvia Bartholomew	LAS unc		*	Urbana
Matthews, Berneta Jewell	LAS	100	*	Canton
Mattingly, Maurice Francis	AE		*	Champaign
Mattox, Elmo Fleener	Accy (SS)	94½	*	Ames, Iowa
Mattson, George Waldemar	Eng	107	*	Ishpeming, Michigan
Mattson, Raymond Adolph	Arch (SS)	113	*	Chicago
Mauer, John William	AC	51	*†	Batavia
Mauge, Lloyd Myron	AE		*	St. Louis, Missouri
Maulfair, Seltzer Lambert	Bus	30	*	Urbana
Mautz, Rose Irene	Ed	102	*	Pana
Maxfield, Frank Hiram	Agr (SS)	106	*	Tampico
Maxwell, Edward Creighton	Lav		*	Chicago
Maxwell, John Thomas	Agr	28	*	Urbana
Maxwell, Martha Adelle, A.B., 1923	SS		*	Washington, Iowa
Maxwell, Rolland Edwards	Agr	105	*†	Urbana
May, Gerald Robert	Bus	8	*†	Wolcott, Indiana
May, William Harold	PreL		*†	Rockford
Mayall, Edith Marie	SS	75	*	Clinton
Mayer, Dennis Thomas	ChE		*†	St. Louis, Missouri
Mayer, Norman Clark	IA	34	*	Mt. Pulaski
Mayer, Samuel Lillianstern	Bus		*	Chicago
Mayer, Sydney Raphael	CE	47	*	Gurnee
Mayer, Roy Edward	Accy	64	*	Champaign
Mayfield, Emma Elizabeth	Ed	101	*	Paris
Mayfield, Mary	HEAgr	27	*†	LeRoy
Mayhew, Harry Amos	SS	124	*	Evanston

Maynard, Everett Phelps	AC		* † Chicago
Maynard, Ina Alfreda, A.B., 1921	SS		* † Greenville
Mayol, Donald M	EE		* † Springfield
Maye, James Whitney	EE		* † Berwyn
Mazanek, Laura Josephine	Accy	31	* † Alma
Mead, Charles William	CL		* † Peoria
Mead, Mary Kimble	LAS		* † Champaign
Meade, Claude Vincent	Eng (SS)	67½	* † Champaign
Meagher, John Francis	SS		* † Urbana
Meals, Charles Franklin	Bus	102	* † Peoria
Meatheringham, Verle Hoke	LAS		* † Camp Point
Mee, Charles Louis	EE	72	* † Peoria
Mee, Mary Honore	HELAS		* † Sterling
Meece, Agnes Irene	LAS		* † Lexington
Meece, Loren Everest	LAS	54	* † Atwood
Meeker, David Olan	SS	6	* † St. Louis, Missouri
Meents, Wendall Evert	Law unc		* † Ashkum
Mefford, Joseph Isaac	Agr	85	* † Robinson
Megohan, Earle Joseph	LAS		* † Oak Park
Mehl, Frederick John	ChE		* † Chicago
Mehock, Harry	AC	30	* † Streator
Mehr, George John	IA	33	* † Auburn
Meier, Louis August	Mus	10	* † Urbana
Meiser, Mary Catharine	HEAgr (SS)	108	* † Urbana
Meima, Genevieve	CCS	9	* † Chicago
Meisenbach, Hilda Kathryn	HEAgr	23½	* † Pearl
Meisenheimer, Gordon Wilson	LAS		* † Walnut
Meislahn, Arthur Carl	Bus		* † Montrose
Melanton, Robert Harold	SS	27½	* † Chicago
Melchior, Clarence John	Law	30	* † Chicago
Melin, George Cornelius	RA	99	* † Galesburg
Melms, Donald Fred	Bus (SS)	101½	* † Hampshire
Melnick, Perry Julius	PreM (SS)	35½	* † Chicago
Melnik, Morris Arnel	AE	112½	* † Milwaukee, Wisconsin
Melton, Clarence Robert	CE	62½	* † Mason City
Melvin, Byron Henry	MinE		* † Monticello
Mendelovitz, Sidney William	PreL	60	* † Chicago
Mendenhall, Arthur Junius	Bus	16	* † Washington, Indiana
Mendenhall, Ilah Fay	HELAS	34	* † Pennville, Indiana
Mengden, Walter Henry	Eng	82	* † Chicago
Menzimer, Lyle William	CL	61	* † Galena
Mercer, Clifford Chester	AC (SS)	102	* † Vermont
Mercer, Dorothy Florence	LAS unc	6	* † Gibson City
Mercer, Frederick Olen	Law (SS)	63	* † Vermont
Mercer, George Eugene	Agr	68½	* † Wyand
Mercer, Harold	Bus	64	* † Morristown, Indiana
Merigold, Julian	Bus		* † Evanston
Merker, Herman Karl	ChE	69	* † Chicago
Merkle, Virginia Crescence	LAS		* † Alton
Merrell, Ramon Roy	SS	9½	* † Waveland, Indiana
Merrill, Charles Clifford	SS	18½	* † Urbana
Merrill, Maude Edith	LAS	29	* † Maywood
Merrill, Mildred Edith	Jnl		* † Hinsdale
Merritt, Frederick Albert	Accy		* † Taylorville
Merryweather, Paul Charles	RA	64	* † Anderson, Indiana
Mersereau, Anne Valorie	LAS	62	* † LaGrange
Mershimer, Mrs. Ruth Etta	Mus	25	* † Urbana
Mershon, Verna Ernestine	LAS	98	* † Brazil, Indiana
Mertsky, Grace Charlotte	LAS	44	* † Western Springs
Mertz, Kendall Louis	ME	32	* † Chicago
Merz, Helen Louise	LAS	97	* † Salem
Merz, Virginia Charlotte	HEAgr unc	88	* † Omaha, Nebraska
Mesenkop, Louis Henry	EE	68	* † Decatur
Mesler, Helen Gertrude	LAS	61½	* † Little Rock, Arkansas
Mesloh, Margaret	LAS	99½	* † St. Louis, Missouri
Messing, Frank William	SS	129½	* † Indianapolis, Indiana
Metcalfe, Owen Ellsworth	AC	69	* † Gurnee
Mette, Minnie Isabel	LAS (SS)	99½	* † Eureka
Metter, Harry Louis	Ed (SS)	76½	* † Columbia
Metter, Nellie Woracheck	SS	7	* † Gransburg
Metz, Helen Elizabeth	Jnl	58	* † Sioux City, Iowa
Metz, Ruth Kathryn	LAS		* † Champaign
Metz, Mrs. Zolabelle	SS	7	* † Tolono
Metzel, Charles Himes	PreM	33	* † Urbana
Metzler, James Clark	LAS		* † Colorado Springs, Colorado
Meyer, Alfred Herman	LAS	87½	* † Rockford
Meyer, Bernard	Bus	37½	* † Chicago
Meyer, Edward Dickson	EE		* † Chicago
Meyer, Frank Louis	ME (SS)	79	* † Peoria
Meyer, Frederick Radeke	CerE	38	* † Kankakee
Meyer, Frederick Walter	Law	30	* † Lexington
Meyer, George Irving	PreM		* † Greenville
Meyer, Henry Edward	Bus (SS)	100½	* † Chicago
Meyer, Marjorie	Bus	65	* † Milford
Meyer, Marshall	Bus	31	* † Waukegan
Meyer, Moody Wesley	SS	6¾	* † Gowanstown, Ontario

Meyer, Roy Bicknell	<i>Accy</i>	99	* †	Chicago
Meyer, Sophia Dorothy	<i>HELAS</i>	61	* †	Milford
Meyer, Walter Martin	<i>Agr unc</i>	82	* †	Tomalco
Meyer, William Phillipsen	<i>Agr</i>	64	* †	Tamalco
Meyers, George Murphy	<i>Agr</i>	26	* †	Belvidere
Meyers, Joseph Ormond	<i>Accy</i>	68½	* †	Henry
Meyers, Joseph Wade	<i>PreL</i>	52	* †	Scioto Mills
Mican, George	<i>ME</i>	76	* †	Chicago
Michael, Frank Lester	<i>CerE</i>	107	* †	Peoria
Michael, Harry Adolph	<i>AE</i>	40½	* †	Murphysboro
Michael, Lionel Bertram	<i>Bus</i>	30	* †	Champaign
Michael, Oscar James	<i>PreM</i>	31½	* †	Muncie
Michael, Viola Mae	<i>LAS (SS)</i>	91	* †	Urbana
Michael, William Conrad	<i>IA</i>	82	* †	Elmhurst
Michalek, Louise Antoinette	<i>LAS</i>	34	* †	Chicago Heights
Michel, Rudolph	<i>Eng</i>		* †	Baltimore, Maryland
Michelmann, Irene Clara	<i>LAS</i>	33	* †	Quincy
Michener, Harriett Kathryn	<i>LAS</i>		* †	Tuscola
Michener, Percy	<i>CE</i>	36	* †	Decatur
Mickelsen, Gunnar Hans Christian	<i>Jnl</i>		* †	Chicago
Middleton, Alice	<i>HELAS</i>	53	* †	Chicago Heights
Middirk, Jewell Reuben	<i>SS</i>	137		Belvidere
Mieher, David	<i>Agr</i>	30	*	Milwood
Mieher, Ed Christopher, Jr.	<i>Agr</i>	68	* †	Milwood
Miers, Clayton Thomas	<i>Arch</i>	65	* †	Decatur
Milbrandt, Myrtle	<i>LAS</i>	33	* †	Chicago
Milby, LeRoy Charles	<i>Jnl</i>		* †	Mason City
Miles, James Rufus	<i>Agr (SS)</i>	104	* †	Urbana
Miles, Leon Rolffe	<i>SHAEd (SS)</i>	129½		Walnut
Miles, Mrs. Mattie	<i>LAS unc (SS)</i>	10½	* †	Champaign
Miles, Phyllis Mary Bruce	<i>LAS (SS)</i>	115	* †	Urbana
Miles, Russell Harrison	<i>Jnl</i>	71½	* †	Michigan City, Indiana
Miley, Clark Hall	<i>Bus</i>		* †	Harrisburg
Miller, Edith May	<i>SS</i>	62		Urbana
Miller, Verna Neathery	<i>HEAgr</i>	72		Champaign
Miller, Ada Leone	<i>LAS</i>		* †	Urbana
Miller, Alice Rose	<i>HEAgr</i>		* †	McHenry
Miller, Anne Marion	<i>LAS</i>	71½	* †	Chicago
Miller, Arthur Ardeen	<i>CL</i>		* †	Quincy
Miller, Audra Mae	<i>LAS (SS)</i>	94	* †	West Unity, Ohio
Miller, Audrey Gazelle	<i>Mus</i>	16	* †	Kansas City, Missouri
Miller, Bertie Ethel, A.B., 1923	<i>SS</i>			Westfield
Miller, Calvin Arthur	<i>ChE</i>	51	* †	Springfield, Missouri
Miller, Carl George	<i>Bus</i>	63	* †	Stanton
Miller, Carl John	<i>Ed</i>	80	* †	Danville
Miller, Carl Robeson	<i>Law (SS)</i>	7½	* †	Decatur
Miller, Carmi Edward	<i>EE</i>	36	* †	Waukesha, Wisconsin
Miller, Carter Harrison	<i>Bus</i>		* †	Shipman
Miller, Chalmers Epling	<i>ME</i>	77	* †	Joliet
Miller, Clayton	<i>Bus</i>		* †	Pontiac
Miller, Clayton Martin	<i>AC</i>		* †	Urbana
Miller, Cora Kathryn	<i>LAS</i>	100	* †	Villa Grove
Miller, Dale Sumner	<i>MinE</i>		* †	Rossville
Miller, Del Gratia	<i>LAS</i>	92	* †	Chicago
Miller, Delbert Eugene	<i>LAS</i>		* †	Enfield
Miller, Donald Phares	<i>Law</i>		* †	Wayne, Nebraska
Miller, Dorothy Ashton	<i>Ed</i>	99	* †	Ironwood, Michigan
Miller, Elmer H	<i>Bus unc</i>		* †	East St. Louis
Miller, Fayette Wood	<i>Arch</i>		* †	River Forrest
Miller, Fred Arthur	<i>MinE</i>	28	* †	Herrin
Miller, Freeda L	<i>SS</i>	6		Indianola
Miller, Harold J	<i>IEEd</i>		* †	Dix
Miller, Harold Raymond	<i>FC</i>	66	* †	Dayton, Ohio
Miller, Jessie Belle	<i>SS</i>	9		Rantoul
Miller, Joseph Frederick	<i>ME</i>	111	* †	Chicago
Miller, Lawrence Byrne	<i>Agr</i>	80½	* †	Rockford
Miller, Leo Fredrick	<i>PreM</i>		* †	Chicago
Miller, Leslie Edward	<i>Bus</i>	66	* †	Champaign
Miller, Lloyd Kenneth	<i>Accy</i>	66	* †	Ellsworth
Miller, Lorine Harriett	<i>LAS</i>	32	* †	Atlanta
Miller, Louise Margaret	<i>LAS</i>		* †	Danville
Miller, Lucia Fender	<i>LAS</i>	97	* †	Sterling
Miller, Marvel Garnant	<i>LAS unc</i>		* †	Chicago
Miller, Maurice	<i>PreM</i>		* †	Chicago
Miller, Mildred Eleanor	<i>LAS (SS)</i>	63	* †	Galva
Miller, Mildred Ellen	<i>LAS</i>		* †	Rossville
Miller, Millage Clinton	<i>Jnl (SS)</i>	70	* †	Enfield
Miller, Norman Arthur	<i>Bus</i>		* †	Chicago
Miller, Norman Wells	<i>Bus</i>	31	* †	Chicago
Miller, Ralph Walter	<i>Chem</i>	115½	* †	Chicago
Miller, Robert F	<i>Eng</i>	64½	* †	Chicago
Miller, Roy Andrew	<i>AC</i>	66	* †	Urbana
Miller, Ruth Lucille	<i>SS</i>	8		Mulberry Grove
Miller, Stuart Eaton	<i>Bus</i>	90	* †	Chicago
Miller, Sylvia Anne	<i>LAS</i>		* †	Oak Park
Miller, Thomas Raymond	<i>AC</i>		* †	Canton

Miller, Victor Cornelius	CL	33	* † Martinaville
Miller, Vinita Louise	SS	8½	* Nokomis
Miller, William Henry	IA	36	* Pontiac
Miller, William John	Accy	99	* † Canton
Miller, William Leopold	Bus		* † Chicago
Millhouse, Louise Elizabeth	HELAS	53	* † Galena
Milligan, David Austin	Agr (SS)	113	* † Shelbyville
Milligan, George William	CE	69	* † Harvard
Milligan, Helen Margaret, A.B., 1911	SS		* Hinsdale
Milliken, Margaret Mildred	HELAS	95	* † Walnut
Milliken, Vincent Dewey	SS	160	* † Chicago
Mills, Fay Templeton	Bus	28½	* Columbus, Ohio
Mills, Gail A	Accy (SS)	107	* † Mooresville, Indiana
Mills, Gladys Emma	HELAS	47	* † McNabb
Mills, Howard Ellsworth	Arch		* † Richmond, Indiana
Mills, John Harold	LAS (SS)	116½	* Urbana
Mills, Mildred Pauline	LAS		* † Cornell
Mills, Richard George	CerE	17	* † New Orleans, Louisiana
Mills, Robert Parker	CE		* † Campbell, Missouri
Milner, Reid Thompson	ChE	114	* † Eranston
Miner, Dorothy Anna	HELAS		* † Newton
Miner, Frances Josephine	LAS		* Monticello
Miner, Harold William	EE		* † Bloomington
Minier, John Philip	PreL	64	* † Benton
Minkus, Esther Norma	Bus		* † Chicago
Minor, Clara Belle	HEAgr		* † Champaign
Minor, Lee Hestlet	Agr		* † Champaign
Minor, William Summers, Jr.	AC		* † Sesser
Misamore, Harold Otterbein	AC		* Seymour, Indiana
Mishler, Floyd Ernest	SS	½	* Fresno, California
Misselhorn, William Frank	CerE		* † Sparta
Mitchell, Audley Wallace	Bus	28	* † Muncie, Indiana
Mitchell, Claudius Elius	Ed (SS)	94½	* † Effingham
Mitchell, Eric Hermann	IA	104	* † Chicago
Mitchell, Georgia Rae	LAS	96½	* † Bloomington
Mitchell, Helen Lucile	Jnl		* † Foosland
Mitchell, Howard Arthur	Bus	69	* † Virden
Mitchell, James Phineas	LAS		* † Downers Grove
Mitchell, John L	SS	8	* Pleasant Hill
Mitchell, John Russell	Bus		* † Mt. Vernon
Mitchell, Mamie Lillian	Ed	102½	* † Danville
Mitchell, Marvin Knight	LAS	31	* † Chicago
Mitchell, Orvall Oran	Agr	101	* † Newton
Mitchell, Rebecca Irene	SHIIEEd	65½	* † Charleston
Mitchell, Robert Buchanan	Arch		* † Indianapolis, Indiana
Mitchell, Wallace Archie	Accy	65	* † Saunemin
Mitchell, Wilbur Arthur Emmons	CL	62½	* † Wheaton
Mitchell, Willie Pearl	SS		* Decatur
Mitchem, John McCool	PreL	30	* † Boonsville, Indiana
Mittelbusher, Edwin Henry	Arch	103	* † Davenport, Iowa
Mittelman, George Earl	Bus		* † Chicago
Mitterwallner, Merwin Hurst	SS	35	* † Denver, Colorado
Mittler, Edmund	IA		* † Chicago
Mittler, George William	Bus	51	* † Chicago
Mix, George Stroh	Bus		* † Oregon
Mizel, William Frank	SS	2½	* † Big Rock
Moberlay, Benjamin Leeds	Jnl	23	* † Granite City
Mochon, Lloyd Oliver	Ed	86	* † Lead, South Dakota
Moehlenhof, George John	Bus	66	* † Hanna City
Moeller, Gertrude Louise	LAS		* † Wilmetta
Moen, Blanche Elvira, A.B., 1916	Lib	32	* Culbertson, Montana
Moffet, Edna Vancile	SS	87	* Modeste
Moffet, William Theodore	EE	132	* † St. Paul, Minnesota
Mohan, Edgar Herbert	SS	6	* Chicago
Mohlenhoff, Arlie Chester	LAS	57	* † Mattoon
Moitra, Manindra Nath	MinE	93½	* † Calcutta, India
Mojonnier, Harry Grindley	Bus	35	* † Oak Park
Molina, Hector	LAS		* † Guatemala, Central America
Moll, Eugene Sherlock	Accy	11	* † Chicago
Mollman, Elmer Henry	ME	115	* † East St. Louis
Mollman, Gilbert Arthur	EE	77	* † Milstadt
Molohon, Frank Lambert	EE	131	* † Divernon
Molohon, Mary Southard	SS	12	* † Springfield
Molz, Helen Cleopha	CT	98	* † Murphysboro
Mong, Wilbur Stanton	LAS	95	* † Franklin Grove
Monk, Howard Homer	Bus	31	* † Urbana
Monk, Ralph Martin	CL	66	* † Urbana
Monroe, Charles Rhynerson	PreM		* Tuscola
Monser, Mary Laura	LAS (SS)	65½	* † Decatur
Monsson, Charles Douglas	ME		* Chicago
Montag, Louis Carl	LAS		* † Mascoutah
Montague, Robert	LAS	44	* † Clinton, Indiana
Montelius, Charles Henry	Bus	11	* † Piper City
Montgomery, John Waldo	Bank	65	* † Maywood
Monti, Donald	EE (SS)	111	* † West Frankfort
Montroy, Daniel George	Bus	60	* † Chester

Moody, Lloyd Cowley	PreL unc	31½	* † Port Byron
Moody, Marshall Harold	Agr		* † Cordova
Moore, Alfred Joseph, Jr.	Agr	11	* † Sikeston, Missouri
Moore, Alice	Accy		* † Allerton
Moore, Barbara Felecia	LAS		* † Streator
Moore, Charles Alexander	SS		* † Madera, California
Moore, Charles Kenneth	CE		* † Chicago
Moore, Cletus Richard	Bus		* † Mounds
Moore, Dorothy Helen	LAS	29½	* † Chicago
Moore, Dorothy Lucretia Ruth	HEAgr	34	* † Urbana
Moore, Dwight Leonard	Agr	98	* † New Salem
Moore, Edwin Eldred	Agr	102	* † Joliet
Moore, Sister Eulalia	SS	22½	* † Springfield
Moore, George St. Clair	Bus	69½	* † Benton
Moore, Gertrude Elizabeth	LAS	60	* † Mount Carroll
Moore, Glenn Elijah	Agr	19	* † Humbolt
Moore, Glenn Ellwyn	IA		* † Chicago
Moore, Harold Guthrie	REE		* † Carlinville
Moore, Irma Mary	LAS		* † Chatham
Moore, John Pickett	SS	½	* † New York, New York
Moore, Kenneth William	Bus	88	* † Indianapolis, Indiana
Moore, Lawrence Moses	PreM	32	* † Benton
Moore, Lucy Chloe	SHHEEd	88½	* † Equality
Moore, Malcolm Paul	LAS	26	* † Hartford City, Indiana
Moore, Margaret King	SS		* † Jacksonville
Moore, Marion Joseph	Bank	94	* † Benton
Moore, Mary Elizabeth	HEAgr		* † Chicago
Moore, Maude	SS	74	* † Chicago
Moore, Merle Graydon	AC	36	* † Williamsville
Moore, Richard S.	CerE		* † Chicago
Moore, Robert Edmond, Jr.	LG	30½	* † Rockville, Indiana
Moore, Roberta Lucille	Mus	35	* † Champaign
Moore, Virginia Belle	LAS	30	* † Wilmette
Moore, Virginia Mary	HELAS	118½	* † Chicago
Moran, John Francis	Bus		* † Galva
Morava, Gerald William	Bus	13	* † Chicago
Morf, Frederick Paul	EE	72½	* † Chicago
Morgan, Catharine	HELAS		* † Downers Grove
Morgan, Jessica Charlotte	HELAS	84	* † Chicago
Morgan, Lowell Risinger	PreM	25	* † Humboldt
Morgan, Norris Gould	SS	131	* † Galva
Morgan, Raymond Wells	CerE	40	* † Chicago
Morgan, Rudolph Bennett	SS	7½	* † Champaign
Morrell, Essie Adele	LAS	69	* † Canton
Morris, David Emlyn	SS	8½	* † Ft. Benton, Montana
Morris, Dorothy Elizabeth	HEAgr (SS)	76	* † Urbana
Morris, Esther Frances, A.B., 1920	Lib (SS)	7	* † Sisseton, South Dakota
Morris, Evan Richard	CE	69½	* † Chicago
Morris, George Elwood	MinE	73	* † Danville
Morris, Nellie Fern	LAS (SS)	61	* † Oblong
Morris, Ollie Nathaniel	LAS (SS)	79½	* † St. Louis, Missouri
Morris, Raymond	PreM	8	* † Joliet
Morris, Seth Bradley	CE	114	* † Palatine
Morris, Vada Josephine	LAS	47½	* † Kansas City, Missouri
Morrison, Anna Alberta	LAS unc (SS)	8	* † Scales Mound
Morrison, Ella Lorraine	HELAS		* † Ramsey
Morrison, Elmer Duncan	Agr	103	* † Peotone
Morrison, Eugene Wilmer	REE	32	* † Morion
Morrison, Kent V	SS	7½	* † McKenzie, Tennessee
Morrison, Robert Rees	Agr	118	* † Savoy
Morrison, Voris Leo	Bus	65	* † Ramsey
Morrison, William Moses	Accy	33	* † Lovington
Morris, Thomas Edward	Bus	50½	* † Chicago
Morrow, Charles Edward	ME	137½	* † Champaign
Morrow, Thomas William	Jni (SS)	49	* † Champaign
Morsch, Grace Emma	LAS	66	* † Hincley
Morse, Fred Samuel	CE	7½	* † Carlinville
Morse, Madison Bruce	EE		* † Gifford
Mortenson, Ethel Elvira	LAS	61	* † Chicago
Mortenson, Florence Evelyn	LAS	107	* † Chicago
Morton, Caroline Allen	LAS	31	* † Taylorville
Morton, Helen Louise	Mus	35	* † Salem
Morton, Julia Louise	LAS		* † Taylorville
Morton, Merville Ira	Accy	68	* † Berwyn
Morton, Philip Sewell	Bus		* † Muskogee, Oklahoma
Mose, Hans Einar Hansen, A.B., A.M., 1911, 1919	Lib		* † Haastrop, Denmark
Moseley, Addison Chester	Bank	3	* † Chicago
Moses, George Thomas	EE		* † Danville
Mosher, Dale Alfred	Bus		* † Central City, Iowa
Mosher, Miriam Frances Elizabeth	LAS	32	* † Omaha, Nebraska
Mosier, Dorothy Rachel	Bus	32	* † Urbana
Mosier, Heleen Katherine	LAS	66	* † Urbana
Moskos, Ulyssa Alice	LAS	28	* † Taylorville
Moss, Alvin Henry	Law		* † Springfield
Moss, Jenny Estelle	LG		* † Urbana



Moss, Joseph Bondurant	AC	97½	* † Chrisman
Moss, Laura Fay	LAS		* † Urbana
Motley, Loren Alva	Agr	122½	* † Virden
Motschman, Alberta Viola	Chem	94½	* † Chicago
Mottar, Roland Francis	LAS	123	* † Springfield
Mouat, Hugh Robert	Agr		* † Lansing
Moulden, Clara Berenice	Bus	118¾	* † Tuscola
Moulton, George Foss	Eng (SS)	167½	* † Chicago
Moulton, Margaret Jane	HELAS	64½	* † Oak Park
Moulton, Willard Leavitt	FC	29	* † Virginia
Mountain, Dorothy Slaynt	LAS	46	* † Gary, Indiana
Mouzon, Edwin DuBose, Jr.	SS	6	* † Acklen Park
Mowery, Orville Otto	Agr	46½	* † Ullin
Mowry, Helen Perry	LAS	63	* † Emden
Moxley, Martha VerDier	LAS	61	* † Little Rock, Arkansas
Moyer, Blanche Frances	LAS		* † Indianapolis, Indiana
Moyer, Duane Joel	Bus		* † Maroa
Moyer, Elmer Lehman	Bus	40½	* † Champaign
Moyer, Frank Alexander	LAS	47½	* † Los Angeles, California
Moyer, Gerald Dewey	SS	7½	* † Columbia City, Indiana
Moynihan, Irvin Kenneth	AC		* † Streator
Moynihan, Mildred Leatha	LAS		* † Streator
Mracek, John, Jr.	Bus	52	* † Chicago
Mroz, Stephaine Antoinette	Mus	20	* † Chicago
Mudge, Herbert Quentine	PreM		* † Peru
Muegge, Louis William	AC		* † Walsh
Mueller, Frederick William	ME (SS)	116	* † Chicago
Mueller, Lillian Maude	LAS		* † Chicago
Mueller, Luella Lydia	SS	10½	* † Lebanon
Mueller, Waldo George	Bus	66	* † Belleville
Mueller, Walter Ernest	EE	108	* † Tower Hill
Mueller, William Samuel	Agr	33	* † Tower Hill
Mugge, Helen	LAS		* † Harrisburg
Muhl, Clarence Arthur	AC (SS)	97½	* † Oskaloosa, Iowa
Muir, William G	SS		* † Urbana
Mulberry, Dorothy Mae	LAS	35	* † Mt. Auburn
Mulberry, Francis Hardy	Accy		* † Mt. Auburn
Mulcahy, Bernard Patrick	ChE	63	* † Geneva, New York
Mulcay, Arthur Glenn	Agr	35	* † Lyndon
Mullen, Frances Dolores	LAS		* † Champaign
Mullen, John Lavere	Law unc		* † Savanna
Mullen, Thomas Joseph	LAS	41½	* † Champaign
Mullen, Vern Elmo	AC (SS)	88½	* † Taylorville
Mullen, Vernon Harry	AC	31	* † Indianola
Muller, Floyd Minch	Bus (SS)	96	* † Washington
Muller, Julius	ME (SS)	100	* † Urbana
Mulliken, Clarence Earl	LAS		* † Rantoul
Mullins, Aloysius Jerome	EE		* † Chicago
Mullins, Anna Marie	LAS (SS)	103½	* † Champaign
Mullins, Elizabeth Berthene	LAS		* † Swazey, Indiana
Mumford, James Satterlee	Agr	33	* † Urbana
Mumford, Mary Caroline	HELAS (SS)	113	* † Urbana
Mumma, Max Dick	Bus		* † Urbana
Mummert, Sterling David	AC	15	* † Spring Groves, Pennsylvania
Muncsella, Amelia Eve	LAS	28	* † Aurora
Mundorf, Wilbert Winter	Bank	100	* † Marshall
Munroe, Helen Catherine	LAS	28	* † Elgin
Murch, Lucille Eugenia	Ed	112	* † St. Louis, Missouri
Murch, William Henry	SS	26½	* † Centralia
Murchison, Ethel	SS	11	* † Galva
Murphey, Helen Catherine	LAS unc	18	* † Champaign
Murphey, Lillian Ruth	LAS unc	18	* † Champaign
Murphy, Arthur Everett	Bus		* † Decatur
Murphy, Arville Isaac	Bus	26	* † St. Louis, Missouri
Murphy, Devereux Hamilton	CE		* † Springfield
Murphy, Donald	LAS	52	* † Decatur
Murphy, Forrest Windsor	SS	9	* † West Point, Mississippi
Murphy, Harold Joseph	Bus	113½	* † Aurora
Murphy, James Thomas	PreM (SS)	44½	* † Hammond
Murphy, Jean McKean, A.B., 1920	Lib	37	* † Columbus, Ohio
Murphy, John Joseph	Eng	44	* † Chicago
Murphy, Joseph Clement	Agr (SS)	83¾	* † Urbana
Murphy, Lawrence Joseph	PreM		* † Chicago
Murphy, Leonard Francis	Accy		* † Chicago
Murphy, Lois Mae	Bus	17	* † Champaign
Murphy, Mary Lourdes	LAS		* † Rock Island
Murphy, Nola Esther	SS	7	* † Monmouth
Murphy, Robert Edward	Agr	34	* † Marshall
Murphy, Virgil Leroy	PreM	27	* † Marshall
Murphy, Waldo Evans	PreM	32	* † Bement
Murphy, William Delmer	Agr	114	* † Bement
Murray, Adam Royal	Agr	99	* † Arrowsmith
Murray, Clarence Robert	ME	108½	* † Menominee, Michigan
Murray, Donald Russell	PreL	31	* † Chicago
Murray, Douglas Hoag	PreL	26	* † Chicago
Murray, Edmund Lane	LAS	31	* † Peoria

Murray, Etta Emma	Bus	30	* † Menominee, Michigan
Murray, Flora Farnsworth	LAS	31	* † Danville
Murray, George Lyndon	Agr	35	* † Arrowsmith
Murray, Nevada Elizabeth	Ed	65	* † Champaign
Murray, Thomas Henry	Agr	35	* † Harvard
Murray, William Moore	Bus	94½	* † Springfield
Murray, William Norman, Jr.	Bus	61	* † Chicago
Murrie, Loren Stanley	EE		* † Vienna
Murry, Willard Joseph	Agr	93½	* † Batavia
Murtland, James Wayne	Eng	67	* † Berkeley, California
Murton, Arthur Edward	MinE	67	* † Alton
Murvin, Theoren Jerrold	CL	33	* † Ingham
Muse, Luther Lee	AC (SS)	52½	* † Senath, Missouri
Musgrave, John Ernest	Agr	67	* † Martinsville, Indiana
Musin, Fannie	Accy	14	* † Gary, Indiana
Mussmann, Lydia Kathrine	HEAgr	64	* † Grant Park
Mussmann, Martha	LAS		* † Grant Park
Mustafa, Syed	REE	160½	* † New York, New York
Myalski, Walter Aloys	Accy	67	* † Chicago
Myer, Francis Joseph	Bus		* † Decatur
Myers, Alan Joel	Bus		* † Springfield
Myers, Charles Roe	LAS		* † Vandalia
Myers, Donald Charles	Bus		* † Oregon
Myers, Eli Paul	SS		* † Elmore, Indiana
Myers, Katherine Gertrude	LAS		* † Terre Haute, Indiana
Myers, Mary Estelle	Ed	60	* † Olney
Myers, Sara Jane	LAS	96	* † Terre Haute, Indiana
Myers, William Edward	PreL		* † Marion
Mylrea, Thomas Douglas, B.S., 1909	Mus irr		* † Urbana
Mysch, Herbert Paul	Bus	53½	* † Edwardsville
Naegle, Frederick Harold	Arch	87	* † Indianapolis, Indiana
Nance, Oliver Odell	SS	89½	* † Jackson, Missouri
Napier, Mabel Adeline	LAS	10	* † Chicago
Napieralski, Stephen Emanuel	AE (SS)	58	* † Des Plaines
Naseef, George William	Bus	31	* † Kewanee
Naselli, Attilio Vincent	Bus	107	* † Champaign
Nash, Lyle James	Bus		* † Champaign
Natenberg, Arnold Philip	Bus	25	* † Chicago
Naumann, Karl Rudolph	Accy	76	* † Joliet
Navarro, Fernando	FC		* † Chicago
Nay, Bernard Everett	Bus	66	* † Marshall
Nay, Charles Russell	Agr (SS)	87	* † Kansas
Nay, Ruby Lois	LAS		* † Westfield
Naylor, Dorothy Virginia	LAS	98	* † Chicago
Neagle, Richard John	Law (SS)	13	* † Kewanee
Neal, Lovell Arthur	PreM	8	* † Bement
Neave, Sidney Lionel	LAS unc (SS)	85	* † Urbana
Needham, Dorothy Wiemoth	LAS	31	* † Chicago
Needler, David Wesley	Law		* † Evanston
Nees, Earlene Carrie	SS	8	* † Ludlow
Neff, Grace Viola	Jnl	74	* † Chicago
Negoro, Kauji	SS	3	* † Sapporo, Japan
Nehls, Raymond August	SS	10½	* † Hustisford, Wisconsin
Neill, Harold Dwight	FC	31	* † Greeley, Colorado
Nellis, Howard Lee	PreL		* † Bridgeport
Nelson, Ada Matilda, A.B., 1913	Lib	11	* † Galesburg
Nelson, Carl Randall	MinE	51½	* † Council Bluffs, Iowa
Nelson, Charlotte Augusta	Bus	112½	* † Urbana
Nelson, Chester George	Agr	61½	* † Chicago
Nelson, Earl Russel	RA		* † Montgomery
Nelson, Elvira	SS	14	* † Forest City, Iowa
Nelson, Franklin Christian	Agr (SS)	103½	* † Clifton
Nelson, George Thomas	AE (SS)	90	* † Chicago
Nelson, Glenn Lingroth	ME	28	* † Galesburg
Nelson, Gordon Vernon	CE	110	* † Paynesville, Minnesota
Nelson, Hallace Henry	AC		* † Gower, Missouri
Nelson, Ira Spurgeon	Arch		* † Stillwater, Oklahoma
Nelson, Irving	Agr		* † Chicago
Nelson, Leonard N	ChE (SS)	99	* † East Moline
Nelson, Maud Irene	LAS	101	* † Chicago
Nelson, Maurice Walter	Bus	94	* † Chicago
Nelson, Raymond Carl	Agr	103	* † DeKalb
Nelson, Richard Herman	ME	42	* † Moline
Nelson, Sadie Ruth	LAS (SS)	67	* † Champaign
Nelson, Wallace Alan	FC	109	* † South Bend, Indiana
Nelson, Walter Nichols	CE unc	72	* † New London, Connecticut
Nerad, John Jule	PreM	30½	* † Oak Park
Nesbitt, Herbert Franklin	Agr	104	* † Urbana
Nesbitt, Pearl J	HELAS	111	* † Urbana
Netcott, Mrs. Kathryn Isreal	CT	102	* † Shelbyville, Indiana
Neth, Frank Arthur	Bus	88	* † Piqua, Ohio
Neubauer, Clara Bertha	HEAgr	85½	* † Highland
Neubauer, Jacob George	LAS	110	* † Champaign
Neuber, Anna Louise	LAS	126	* † Litchfield
Neuman, Elsa Elizabeth	Bus		* † Chicago
Neuman, Irma Helen	Bus	72	* † Chicago

Neuman, Sister Mary Nicolina	SS	2	New York, New York
Neumann, Metz Earl	Bus	69	* † Rockport
Neumann, Percy Eugene	LAS	85	* † Rockport
Neveleff, Louis Abel	LAS	31½	* Chicago
Neville, Charles Walter	Agr		* Pinckneyville
Neville, Harry Clay	SS	143	* Pinckneyville
Neville, Walter Patrick Francis	SS		* East St. Louis
Newberg, Amy L.	SHHEEd		* † Galesburg
Newbold, Cyrus Mark	AC		* Keosauqua, Iowa
Newburn, Alice Rachel	HELAS (SS)	110	* Hoopeton
Newcomb, Edward Charles	Arch	79½	* † Champaign
Newcomer, Hale Lloyd	LAS	100½	* † Mason City, Iowa
Newcomer, Paul Zauria	Bus	4	* † Dixon
Newell, Hetty	SS		* Houka, Mississippi
Newell, Horace Mead	Agr	98	* † Kirkwood, Missouri
Newhard, Francis Gordon	Agr	38	* † Dayton, Indiana
Newkirk, Alfred Francis	CL	33	* † Tulsa, Oklahoma
Newlin, Harold Medsker	Jnl	29	* † Hutsonville
Newman, Harriett Grace	Ed unc (SS)	34½	* † Urbana
Newman, Helen Katherine	LAS		* † Chicago
Newman, Louise Marie, A.B., 1921	SS		* † Urbana
Newson, Caroline Ann	LAS	80	* † Eureka
Newton, Alfred	PreL	39½	* † Chicago
Newton, Ben Danely	MinE		* † Terre Haute, Indiana
Newton, Frank Leland	Bus	95½	* † Oskaloosa, Iowa
Newton, John Clarence	Bus		* † Chicago
Newton, Lillie Mae, B.S., 1922	SS		* † Champaign
Neystrom, Gladys Carolyn	LAS		* † Toulon
Ngan, Chien On	ChE	93	* † Tainan, Japan
Niblock, Fred Patton	SS	6	* Derby, Iowa
Nichols, Alma Ethel	SS	8	* Windsor
Nichols, Eldon Ansel	Bus	24	* † Fairfield
Nichols, Elmer Vausel	Bus	21¾	* † Fairfield
Nichols, Helen	LAS		* † Moline
Nichols, Helen Martha	LAS	71¾	* † Heyworth
Nichols, Orville R.	EE	72	* † Hutsonville
Nichols, Warren Alfred	Law	40	* † West Liberty, Iowa
Nickerson, Lincoln Wendell	Bus	37½	* † Blue Island
Nickol, Walter Bernard	Bus	32	* † Chicago
Nickleoy, Mrs. Emma Rhodes, A.B., A.M., 1899, 1915	Lib		* † Urbana
Nicodemus, Mrs. Ella Neubauer	LAS	2	* † Highland
Nicodemus, Frederick Bowman, B.S. 1909	Bus irr		* Urbana
Nicolet, Lucile Paula	HEAgr (SS)	25	* † Urbana
Niebergall, Wesley John	EE	35	* † Mendota
Nieman, Kenneth Lynn	Bus		* † Philo
Niemann, Paul William	ME	29½	* † Chicago
Niess, Netta Virginia	LAS	99	* † Belleville
Nigh, James Fuller	Accy	4	* † Mt. Vernon
Niles, Reno A.	CE		* † Chicago
Nilson, Alvin Arthur	SS	71	* Greenville
Nilson, Elizabeth Hilma	LAS	60	* † Glencoe
Nilson, Karl Andrew	Bus	74½	* † Chicago
Nilson, Olga Evelyn	SS	130	* † Chicago
Nilson, Stanley Edward	LAS		* † Glencoe
Nims, Valiant Gale	SS	131	* Greeley, Colorado
Noble, Arthur James	Bus (SS)	102	* † Blue Island
Noble, Dorothy Verna	LAS	111	* Chicago
Noble, Herman Emerson	ME	120	* † Decatur
Noble, Lena Mae	SS	120½	* † Aledo
Noble, Louise Myrtle	HELAS	3	* † Manteno
Noble, William Nichols	CerE		* † Urbana
Noel, Donell Schaible	LAS	9	* † Pekin
Nolan, Joe, Jr.	Bus	42	* † East Alton, Iowa
Nolin, Charles Edward	Bus		* † Benton
Noon, Edward Menzel	CE		* † Nogales, Arizona
Noonan, Charles Walter	Law (SS)		* † Granite City
Norcom, Ruth A.	LAS		* † East St. Louis
Norgaard, Grace Orilla	SS	7	* Wheaton, Minnesota
Norkaitis, Anton Edward	Accy		* † St. Charles
Norkaitis, Dennis	Arch unc	32	* † St. Charles
Norman, Absalom Willis	SS		* † Culpeper, Virginia
Norman, Grace Elizabeth	LAS	34	* † Springfield
Norman, Philip Leonard	Bus	33	* † Montevideo, Minnesota
Norris, Otis L E.	PreL		* † Champaign
Norris, Ralph Audubon	Bus		* † London Mills
Norris, Winifred	SS	6½	* † London Mills
North, Cornelia	LAS	62	* † Champaign
North, Georgia	LAS	59½	* † Harvard, Nebraska
Northam, Howard LeRoy	CerE	36	* † Warren
Northcutt, Herschel Bernard	SS	½	* † McMinnville, Tennessee
Northlich, William Rogers	Bus		* Chicago
Northrup, Ralph Thomas	IEd	20	* † Chicago
Norton, Edgar Woolfolk	SS	150	* † St. Louis, Missouri
Norton, Helen Rhoades	LAS		* † Champaign
Norton, Howard Monroe	Agr	71	* † Tolono

Norton, James Percy	<i>Agr</i>	36	* † Centralia
Norton, Mildred Clevenger	<i>LAS (SS)</i>	97	* † Champaign
Norton, Philip J	<i>LAS</i>	85	* † Belvidere
Nortridge, Florence Marie	<i>Jnl</i>	60	* † Freeport
Norwood, Earl Ellis	<i>CE</i>	74½	* † Chicago
Nosek, Florence Anna	<i>LAS</i>	120½	* † Chicago
Nothenberg, Alice L A	<i>LAS</i>	67	* † Chicago
Notter, Miriam Lucille	<i>LAS</i>	53	* † Chicago
Novak, Charles	<i>Bus</i>	16	* † Oak Park
Novak, Eleanor Marie	<i>LAS</i>		* † Chicago
Novotny, Anna May	<i>Mus</i>		* † Shawnee, Oklahoma
Nowak, John Michael	<i>LAS</i>	55½	* † Chicago
Nowlan, John Townsend	<i>Jnl</i>	31	* † Toulon
Nowlin, Mabel	<i>LAS (SS)</i>	76½	* † Sullivan, Indiana
Null, Miriam Ellen, A.B., 1919	<i>SS</i>		* † Urbana
Null, Nora Orpha	<i>LAS</i>	33	* † Urbana
Oakes, Bernard Francis	<i>AC</i>	98	* † Maywood
Oakley, Kenneth Harrington	<i>CE</i>	125	* † Toledo, Ohio
Oathout, Eva Elinor	<i>HELAS</i>	67	* † Urbana
Oberholzer, Kenneth Edison	<i>Agr</i>	111	* † Tulsa, Oklahoma
O'Boyle, John Anthony	<i>SS</i>	26	* † Chicago
O'Brien, Raymond	<i>Accy</i>	62	* † Chicago
O'Brien, William Claire	<i>Law</i>		* † Chicago
O'Bryan, Mina Marie	<i>LAS</i>		* † Aurora
Ockert, Marshall Albert	<i>LAS</i>		* † Sadorus
O'Connor, Forrest Edward	<i>Agr</i>	30	* † Oak Park
O'Dea, Richard Maurice	<i>IA</i>	97	* † Elgin
Odell, Cecil Gladstone	<i>LAS</i>	31	* † Mattoon
O'Donnell, Edmund Michael	<i>LAS</i>	35	* † Quincy
O'Donnell, Frederick Dennis	<i>Chem</i>	101½	* † Lee
O'Donnell, John Burke	<i>PreM</i>		* † Winchester
O'Donnell, Marie Delphine	<i>Bus</i>	72	* † Chicago
O'Donnell, Thomas Frances	<i>LAS</i>		* † Chicago
Odum, William Kenneth	<i>AC</i>	59½	* † Holyoke, Massachusetts
Oechsner, Rose Emma	<i>Bus</i>	60	* † Benton
Offenbacher, Floyd Ross	<i>SHHEEd</i>	100	* † St. Louis, Missouri
Ogden, Joe Arthur	<i>LAS</i>	16½	* † Pittsfield
Ogdon, Montelle Ernest	<i>PreM</i>		* † Champaign
Ogletree, George Marcus	<i>LAS</i>	57	* † Urbana
O'Grady, Leo James	<i>Bus</i>		* † Champaign
O'Hagan, James Edgar	<i>Accy</i>	33	* † Chicago
O'Hair, Florence Kathleen	<i>LAS</i>		* † Chicago
O'Hair, Robert Browning	<i>LAS</i>	67	* † Chicago
O'Hare, Sister Joanna	<i>Bus</i>	54½	* † Chicago
von Ohlen, Henry Kenneth	<i>SS</i>	8	* † Springfield
Ojemann, Grace Elizabeth	<i>Bus</i>	34	* † Leland
Ojemann, Ralph Henry	<i>LAS</i>		* † Peoria
Olcott, George Wheeler	<i>SS</i>	130	* † Peoria
Olcott, Horace Williams, Jr.	<i>LG</i>	68	* † River Forest
Olcott, Madolyn Blanche	<i>LAS (SS)</i>	94	* † New York, New York
Oldfather, Helen	<i>LAS</i>		* † River Forest
Oldfather, Margaret	<i>LAS (SS)</i>	6	* † Urbana
O'Leary, Frank John	<i>LAS (SS)</i>	37	* † Urbana
Olenick, Maurice Berry	<i>Bus</i>	98	* † Chicago
Olesen, James Martin, Jr.	<i>PreL</i>		* † Chicago
Oleson, Philip Cheverton	<i>Accy</i>	64	* † Chicago
Olin, Gertrude May	<i>LAS</i>	32	* † Montague, Michigan
Olin, Leland Graham	<i>LAS (SS)</i>	58	* † Lombard
Olin, Lester Cleo	<i>SS</i>	9½	* † Wilmette
Olinger, Marjorie Florence	<i>LAS (SS)</i>	98	* † Alexis
Oliver, Elizabeth Andrews	<i>LAS</i>		* † Alexis
Oliver, Hazel Marie	<i>LAS (SS)</i>	69	* † Garrett, Indiana
Oliver, Richard Lloyd	<i>LAS unc (SS)</i>	8	* † Urbana
Oliver, Thomas William	<i>Law</i>		* † Urbana
Olmstead, Almada Marguerite	<i>CE</i>	77	* † Urbana
Olmstead, Capitola Irma	<i>LAS</i>	32	* † Pittsburg, Kansas
Olmstead, Edward Hawley	<i>LAS</i>	32	* † Milledgeville
Olmstead, Lloyd Eddy	<i>Agr unc</i>	30	* † Milledgeville
Olmstead, Ralph Patteson	<i>AC</i>	8	* † Riverside
Olney, Elliott Long	<i>Bus</i>		* † Evanston
Olsen, Beatrice Ruth	<i>LAS</i>	24	* † Chicago
Olsen, Ernest Harvey	<i>LAS</i>	103	* † South Bend, Indiana
Olsen, Oscar Edward	<i>EE</i>		* † Chicago
Olsen, Rangwold Severn	<i>AE</i>	68	* † Chicago
Olson, Alice Frances	<i>CerE</i>	125	* † Chicago
Olson, Arnold Oliver	<i>LAS</i>	33	* † Chicago
Olson, Bernice	<i>Bus</i>	61	* † Chicago
Olson, Bert Emanuel	<i>Bus</i>		* † LaGrange
Olson, Bonnie Lavonne	<i>Bus</i>	33	* † Champaign
Olson, Carl Reyerson	<i>HEAgr</i>	79	* † Chicago
Olson, Ellyn Gertrude	<i>Agr</i>	94	* † Monticello
Olson, Gilbert Leslie	<i>LAS</i>	95	* † Chicago
Olson, Glennard Theodore	<i>Bus</i>		* † Chicago
Olson, Irving Eugene Wilfred	<i>ME</i>	100	* † Chicago
Olson, Raymond Irving	<i>SHAEd</i>	71	* † Rock Island
Olson, Richard Martin	<i>AE</i>	107	* † Chicago
	<i>CL</i>	30	* † Chicago

Olson, Selma Marie	HELAS	35	* † Penfield
Olson, Warren Charles	Bus	30	* † Chicago
Olson, Willard Ernest	Agr	62	* † Morris
Oltusky, Lena Ann	Bus	93	* † Waukegan
Omalia, Lois	LAS	19	* † Evanston
O'Malley, Patrick Joseph	Agr	38	* † Chicago
Oman, Edith Linnea	Bus		* † Wakefield, Michigan
Omark, Reuben Erick	LAS	93	* † Kewanee
O'Neal, Claire Elmo	LG	30	* † Mt. Carmel
O'Neal, Lester Harold	Bus		* † Palmyra
O'Neil, Dwight Dewitt	LAS (SS)	103	* † Collinsville
O'Neill, Elmer Holman	EE	29½	* † Downers Grove
O'Neill, John Hugh, Jr.	SS	6½	* † Springfield, Missouri
O'Neill, Margaret Mary	LAS		* † Alton
Oppermann, Reginald Arthur	ChE	105½	* † Chicago
Orata, Pedro Tamesis	Ed (SS)	101	* † Pangasman, Philippine Islands
Oratowski, John Peter	Bus unc		* † Chicago
Orland, Frank Addison	IA	119	* † Murphysboro
Ormiston, Thomas Edmund	EE	112	* † Urbana
Orput, Raymond Alexander	AE	137	* † Rockford
Orr, Cleone Pittman	LAS	60	* † Independence, Missouri
O'Ryan, Fergus	Jnl	111	* † Oak Park
Orzeszynski, Bernard Siegfried	Bus	68	* † Chicago
Osbeck, George William	Bus	64	* † Chicago Heights
Osborn, Ferris Lawrence	ChE	64	* † Danville
Osborn, Irene May	MusEd unc	82½	* † Morgantown, West Virginia
Osborn, John Reilly	Bus	28	* † Freeport
Osborn, Lucile Bertha	LAS	90	* † Alton
Osborne, Harold Marion, B.S., 1922	SS		* † Butler
Osborne, Robert Thompson	Ed (SS)	71	* † Champaign
Osburn, Everett Hasken	Agr		* † Morris
Osgood, Edith Antes	LAS		* † Chicago
Osgood, Helen	LAS	34	* † Marseilles
O'Shaghnessey, Edward William	EE		* † Chicago
O'Shea, Edmund Francis	LAS (SS)	39	* † Chicago
Osmanson, Guy Leslie	Eng	68	* † Morris
Ossman, Florence Ethel	LAS		* † Gilman
Ostermeier, Russell Louis	EE		* † Mechanicsburg
Ostner, Marshall Alexander	Bus	30	* † Charleston, Missouri
Otey, Edward Rainey	Agr	115	* † Marion
Ott, Estella Ruth	LAS (SS)	73	* † South Wallingford, Vermont
Ott, Florence Clara	LAS	61	* † South Wallingford, Vermont
Ott, William Carl	AC	34½	* † Plano
Otto, Maragreta Alice	LAS		* † Chicago
Overton, Marcus Muse	LAS	8	* † Springfield
Overtoon, Leo Joseph	AC	55	* † Homewood
Owen, Herbert Tillman	Bus		* † Terre Haute, Indiana
Owens, Crystal Jean	Jnl		* † Montmorencie, Indiana
Owens, Edwin Charles	Accy	98	* † Sterling
Owens, Harold Chester	Accy	96	* † Indianapolis, Indiana
Oyster, Louis Stransky	Bus	35	* † Savanna
Ozier, Lowell Eugene	AE	29	* † Greenup
Paape, Walden William	SS	124½	* † Lake Forest
Paarmann, Ramona	LAS	35	* † Davenport, Iowa
Pabst, Adolf	LAS	63	* † Chicago
Pabst, Thelo Selmar	LG		* † Highland
Pacis, Vicente Albano	Jnl (SS)	98	* † Vintar Ilocos, Philippine Is.
Packard, Margaret Frances	Ed (SS)	112	* † Sumner
Padorr, David	PreL	2	* † Chicago
Padou, Paul Francis	IA	137	* † Indianapolis, Indiana
Paetow, Frank Robert	EE		* † Chicago
Pahnke, Ruth Marie	LAS		* † Chicago Heights
Painter, Addie May	HELAS	38	* † Mound City
Paisley, Stella Elizabeth	HELAS	91½	* † Urbana
Palmer, Arthur Nelson	Jnl		* † Chicago
Palmer, Boyd Burton	LAS (SS)	133½	* † Parkville, Missouri
Palmer, Mrs. Erminie	SS		* † Oak Park
Palmer, Harriet Elizabeth	LAS (SS)	47	* † Urbana
Palmer, Horace Rugg	Bus		* † Oak Park
Palmer, Marion Frances	LAS (SS)	112	* † Oak Park
Palmer, Mary Dorothy	LAS (SS)	98	* † Urbana
Palmer, Milo, Jr.	ME	72½	* † Cairo
Palmer, Walter Lee	PreL		* † Champaign
Panagontsos, Anthony John	LG		* † Chicago
Pangborn, Arla Margaret	LAS	5	* † Bad Aze, Michigan
Pankey, Thomas Lorton	ME	110½	* † Wheaton
Panlilio, Victor	Bus	107	* † San Fernando, Philippine Is.
Papanek, Anna	LAS		* † Chicago
Papanek, Samuel, Jr.	Bus	34	* † Chicago
Park, Sunshine E	SS	96	* † Parkersburg
Parker, Charles Theodore	EE	107	* † Chicago
Parker, Curtis Reed	Bus	66	* † Hubbard Woods
Parker, Francis Feland	Bus (SS)	111	* † Urbana
Parker, Fred Steckley	ME		* † Wilmette
Parker, George Franklin	IA		* † Bloomington
Parker, Howard Stewart	PreL	24	* † Effingham

Parker, James Abraham	Bus	33	* Colfax, Indiana
Parker, James Francis	Agr	47	* † Oak Park
Parker, John Henry	LAS unc		* † Champaign
Parker, Marion	HELAS		* † Chicago
Parker, Maurine	LAS	98	* † Champaign
Parker, Paul	LAS	41	* † Chicago
Parker, Walter Edgar	Agr		* † Grayslake
Parkhill, James Marshall, Jr.	Agr	20	* † St. Augustine, Florida
Parks, David Robinson	SS	8½	* † Lakewood, Ohio
Parks, Elizabeth	LAS		* † River Forest
Parks, Georgia Isabel	HELAS	127	* † Bowling Green, Kentucky
Parks, Helen Ona	LAS	21	* † Urbana
Parks, Henry Purvis	CL		* † Urbana
Parks, John Harold	RA	64½	* † Sparta, Michigan
Parks, Russell Solon	LAS	27	* † Milford
Parmalee, Cullen Everett	CerE	75	* † Urbana
Parminter, Earl Everett	SS		* † Bethany, Nebraska
Parnell, Erle Ford	Agr	80	* † Hoopeson
Parr, Frank, Jr.	AC	23	* † American Falls, Idaho
Parr, Frank Winthrop	LAS	68½	* † Champaign
Parr, Marie Christine	HEAgr	29	* † Champaign
Parres, Murray Herbie	Bus	95	* † East St. Louis
Parrish, John Craig	Bus		* † Pontiac
Parry, Gladys Mae	LAS	97	* † Tolono
Parsons, Allan Davies	Jnl (SS)	111½	* † Chicago
Parsons, Edward F	Accy	36	* † Atwood
Parsons, Etha Elizabeth	Bus (SS)	30	* † Douds, Iowa
Parsons, Mark Miller	SS	73½	* † Douds, Iowa
Partlow, Charles Allen	AC		* † Stockland
Partlow, Jessie Faye	LAS		* † Stockland
Partlow, Wilson Dempsey	Law	44	* † Snyder, Oklahoma
Partridge, Edward Francis	SS	132½	* † Cornell
Partridge, Lucy M	HELAS		* † Cornell
Paschen, Franklin Henry	CE	78	* † Chicago
Pascus, Leoncio Ganibe	MSE	62	* † Candon, Philippine Islands
Pasmas, Arthur John	IA	35½	* † Watseka
Passarelli, James Joseph	LAS		* † Chicago
Patchen, Ralph Harlan	AC		* † Salamanca, New York
Patchett, Margaret Blanche	LAS		* † Kankakee
Paterno, Antonio Maria	LAS	168	* † Manila, Philippine Islands
Patterson, Harold Cameron	AC	64	* † Boone, Iowa
Patient, Edith Mae	SS	15½	* † Butterfield, Minnesota
Patrick, Robert William	Agr	69	* † Naperville
Patrick, Tobasco S	LAS	98	* † Paragould, Arkansas
Patridge, Katherine B	LAS		* † Newman
Pattengale, Carl King	Bus	7	* † Cisco
Pattengale, Clarence Simen	Bus		* † Cisco
Pattengale, Nell Treva	PreM (SS)	40	* † Champaign
Patterson, Fremont William	AC unc		* † Mt. Carroll
Patterson, Lovern Le Von	Bus		* † Pharoah, Oklahoma
Patterson, Oliver Stewart	FC	30	* † Fall River, Massachusetts
Patterson, Oral Franklin	Ed (SS)	67	* † St. Elmo
Patterson, Richard Arnold	REE (SS)	64½	* † Chicago
Patterson, Roy Lee	PreM	32	* † Norris
Patterson, Ruth Jane	Bus (SS)	63½	* † Champaign
Pattison, Eugene Melvin	Bus	38	* † Wilmette
Patton, Franklin Koben	SS	140	* † Chicago
Patton, Lula May	HEAgr	64	* † Monticello
Patton, Wilbur Andrew	Accy	68	* † Bridgeport
Paul, Albert Henry	Accy	33	* † Carlinville
Paul, Austin Joseph	CerE (SS)	111½	* † Chicago
Paul, Clarence Tyrrel	Arch	71	* † Moline
Paul, Earl Albert	AC		* † Collinsville
Paul, Edna	LAS	29	* † Urbana
Paul, Olive Dorothy	HELAS	95	* † Peoria
Pauley, Gerald F	ChE		* † St. Louis, Missouri
Paulson, Carl Raymond	Arch		* † Riverside
Pavek, Frank	CL		* † Berwyn
Paxson, Willard Adelbert	Bus	26	* † Kansas City, Missouri
Paxton, Albert Elwyn	Bus	108	* † Chicago
Paxton, Glenn Gilbert	Law	66	* † Golden
Paxton, Lester Robert	PreM	30	* † Johnston City
Payne, Adriel Barton	AC	67	* † Kirkwood, Missouri
Payne, Hazel Pauline	LAS	66	* † Shelby, Missouri
Payton, Marvin Alfred	Bus (SS)	60½	* † Lake Zurich
Peabody, Reba Aline	LAS (SS)	54	* † Urbana
Peabody, Ruth Dorothy	Bus	32	* † Urbana
Peace, Mary Lovell	SS	6	* † Kell
Peacock, Daura	Agr		* † Tiptonville, Tennessee
Peacock, Oscar	EE		* † El Paso, Texas
Pearce, Dayton	LAS		* † Ewing
Pearce, Everett Leo	Agr (SS)	20	* † Champaign
Pearce, Harry Wisler	AE	24	* † Indianapolis, Indiana
Pearce, Roger Vincent	Jnl	110	* † Chicago
Pearman, Ralph David	Bus (SS)	101	* † Paris
Pearsall, Raymond Marvin	Bus	109	* † Elgin

Pearson, Carl Oscar	EE		* † Jamjoslatt, Sweden
Pearson, Edmund Lester	ChE	43	* † Utica
Pearson, Warner Macaulay	AE	113	* † Chicago
Pease, Rollin	LAS		* † Decatur
Peck, Laura A., B.A., 1904	Lib	48	* † Syracuse, Nebraska
Peck, Leo Thomas	SHAEd	108	* † Nebo
Peck, Roland Bryon	AC	31½	* † Coleridge, Nebraska
Peden, Roy Franklin	SS	9	* † Johnstown, Pennsylvania
Pedersen, Marshall Edgar	LAS		* † Chicago
Peebles, Clarence Metcalf	EE		* † Carlinville
Peel, Jesse Aldred, B.S., 1923	SS		* † Taylorville
Peebles, Hearl Aubrey	LAS		* † Rockford
Peet, Harold	IA	101	* † Woodstock
Peglow, Ervin Julius	Eng	11½	* † Chicago
Pegram, Pauline Duff	LAS	18	* † Canton
Pehlman, Joseph Elmore	Bus	32	* † Springfield
Peiffer, Gerald Jacob	AC		* † Gettysburg, Ohio
Peirce, Logan Fletcher	Bus	99	* † Chicago
Pelikan, Eleanor	LAS		* † Oak Park
Pelikan, Helen Marie	LAS	20	* † Oak Park
Pellet, Alberta Louise	Ed	62	* † Indianapolis, Indiana
Pellouchoud, Bessie Virginia	LAS	43½	* † Odell
Pelton, Leverett Lyndon	EE	103½	* † Olmstead Falls, Ohio
Pence, Dwight	PreM	36	* † Pana
Penewitt, Paul Slocum	Law		* † Springfield
Penniman, William Leon	IA (SS)	117½	* † Normal
Pennington, Lester E	Bank (SS)	94½	* † Kansas City, Missouri
Pepper, Thomas Frederick	Bus	23½	* † Far Rockaway, New York
Pepple, Lloyd Vivian	SS	44	* † Belle Rive
Perardi, Frank	Law (SS)		* † Farmington
Perbix, Leland Elmer	Agr	69½	* † Markham
Percival, Mildred Louise	LAS		* † Champaign
Perdue, Ralph Peaslee	LG	59½	* † Chicago
Pergande, Otto	Agr	28	* † Brookport
Perkins, Philip Powell	Chem	126½	* † West Chicago
Perlman, Samuel Lyon	LAS	114½	* † St. Louis, Missouri
Perrett, Robert Arthur	ME	22	* † Oak Park
Perrett, Sherman	AE	30½	* † Oak Park
Perrill, Willard Hugh	Agr	62½	* † Bloomington, Ohio
Perring, Merle Don	Bus		* † Rantoul
Perry, John Royal	EE	49	* † Maywood
Perry, Manly Myron	Bus		* † East Lansing, Michigan
Perry, Russel Albertus	LAS	8	* † Rockford
Pertl, Joseph Leonard	Eng	4	* † Chicago
Peschek, Emanuel Frank	Bus		* † Cicero
Pesmen, William	Accy	103	* † Kansas City, Missouri
Peters, Hazel Lorene	SS	6	* † Urbana
Peters, Reinhold Max	Bus	69	* † Urbana
Peterson, Annette G	LAS	30	* † Gary, Indiana
Peterson, Carl Elmer	AC		* † Walnut
Peterson, Charles Melville	Law (SS)	6	* † Chicago
Peterson, Dorothy Elizabeth	LAS	31	* † Chicago
Peterson, Franklin M	SS	102	* † Brownstown
Peterson, Hobart Samuel	AE	66	* † DeKalb
Peterson, Ivan Lorenzo	ME	121	* † Galva
Peterson, Karl Linden	EE	17½	* † Weldon
Peterson, Marie Anna	Ed	60	* † DeKalb
Peterson, Randolph Martin	Bus		* † Orion
Peterson, Rudolph Earl	ME	84	* † Rockford
Peterson, Walter Bernard	LAS	132	* † Chicago
Petrik, Albert Charles	PreM	8	* † Chicago
Petroshius, Albin Alexander	PreM	25	* † Rockford
Petrulis, Bruno Stanley	SS	130	* † Chicago
Pettersen, Herbert Christian	REE	92½	* † Chicago
Pettigrew, Robert McLean	Bus	32	* † Oak Park
Pettigrew, Steward William, B.S., 1923	SS		* † Oak Park
Pettis, Irving McFarland	Bus (SS)	102	* † Evanston
Petty, Manley Ross, B.S., 1917	SS		* † Lawrenceville
Pfeifer, Reuben John	AE	106	* † Sheboygan Falls, Wisconsin
Pfeiffer, Frederick Lyle	Bus	102	* † Centralia
Pfeiffer, Homer Fay	Arch	99	* † Kansas City, Kansas
Pfeiffer, Wilbur Henry	CerE (SS)	108	* † Edwardsville
Pfister, Theodosia	LAS	63	* † Chicago
Pharis, Thelma Faith	HELAS		* † West Frankfort
Phelps, Gray	Law	7	* † Oak Park
Phelps, Vernon Lovell	SS	61½	* † Big Rock
Phillips, Arno Howard	Bus	70½	* † Chicago
Phillips, Arvilla Cray	Mus		* † Cicero
Phillips, Byron Birks	Accy		* † Arthur
Phillips, Charles Henry	Bus		* † Maywood
Phillips, Donald Ross	EE		* † Danville
Phillips, Elizabeth	LAS	92	* † Oskaloosa, Iowa
Phillips, Harriet Muriel, B.S., 1919	Agr irr		* † Saugatuck, Michigan
Phillips, Helen Marie	LAS (SS)	34	* † Clinton
Phillips, Marion Winifred	Bus	86	* † Chicago

Phillips, Robert John	Bus	87	† Elgin
Phipps, Mary Bump	HELAS		* † Mt. Carmel
Phipps, Ruth Marie	LAS	82½	* † Kansas
Phipps, William Farnsworth	Bus		* † Mt. Carmel
Picard, Joseph Leroy	Jnl		* † Arcola
Pick, Sylvia Jual	LAS	25	* † Chicago
Pickens, Buford Lindsay	Arch		* † Chicago
Pickens, Helen	Ed	91	* † Vienna
Picker, Paul Lewis	Bus	104	* † Assumption
Picker, Rita	LAS	102½	* † Assumption
Picker, Thomas	Bus	97½	* † Chicago
Pickett, Harold Major	Bus		* † Ilocos Norte, Philippine Is.
Pickles, Lola Kathryn	HEAgr	32	* † Dwight
Pieper, Gertrude Julia	LAS	31	* † Chatham
Pierce, Catherine	LAS	18	* † Chicago
Pierce, Edna Mae	LAS		* † Benton Harbor
Pierce, Eugene Howard	LAS	107	* † Princeton
Pierce, Roy Lee	SS	6½	* † Crete, Nebraska
Pierce, William Kenyon	CE	67	* † Mt. Carroll
Pierson, Irene Dorothy	LAS	66	* † Argenta
Pieters, Dorothy Dix	LAS	49½	* † Champaign
Pietz, Mabel	LAS		* † Shelbyville
Pifer, Charles	LAS	98	* † Elkhart, Indiana
Piggott, Aubrey Dent	LAS	61	* † Chicago
Pighetti, John Constantine	CE	87½	* † Chicago
Pigott, Richard Lewis	AC		* † Murphysboro
Pike, Earl	SS	7½	* † Plainfield, Indiana
Pike, John Goddard	REE		* † Harvey
Pike, Robert James	Agr	15	* † Aurora
Pillatt, Edith Barbara	HELAS		* † Elmhurst
Pinckney, Howard Nelson	IA	99	* † Fort Smith, Arkansas
Pink, Meyer David	Accy (SS)	102¼	* † Chicago
Pinkel, Norman Herman	AE		* † Collinsville
Pinkley, George Davison	LAS	97½	* † Gibson City
Pinney, Charles Joseph	Bus	31	* † Kewanee
Pircher, Frances Maria	SS	22	* † Witt
Piser, Gertrude	Mus		* † Chicago
Piser, Ralph Stanley	ME	72½	* † Chicago
Pitrat, Lelia Maude	HELAS	24	* † Urbana
Pittman, Harriet Bernice	LAS	24	* † Momence
Pittman, Harry Garrett	AC		* † Camp Point
Pittman, Loran	Agr		* † Rinard
Pittser, Chester Matthias	AC	127	* † Gunnison, Colorado
Plagge, John Nicholas	Agr	19½	* † Barrington
Plato, Raymond	AC	82	* † Anthon, Iowa
Plauje, Christian William	CerE		* † Chicago
Player, John Milton	Agr	100	* † West Chicago
Pletta, Dan Henry	CE		* † Chicago
Plumleigh, Thomas Norman	REE	27	* † Pittsfield
Plummer, Allison Oliver	Ed (SS)	117	* † Champaign
Plummer, Frances Bennock	LAS unc (SS)	37	* † Bangor, Maine
Plummer, Lawrence Moore	Bus	31	* † Wheaton
Plummer, Raymond Benton	EE		* † Nokomis
Plunkett, Creel Braden	LAS	65½	* † Newton
Poag, Benjamin Gordon	ChE	50½	* † Alton
Podesta, Roy Anthony	MinE	111½	* † Chicago
Podlesak, George Joseph	Bus	104	* † Chicago
Podolsky, Eve Charna	LAS	64	* † Chicago
Poggensee, Emma Ruth	LAS	31	* † Chicago
Pohtich, Verney George	EE		* † Quincy
Pol, Leontine	LAS	54	* † Champaign
Polen, Gertrude Margaret	HEAgr (SS)	96	* † Indianapolis, Indiana
Polk, Mary Agnes	LAS (SS)	41	* † Urbana
Poll, Ray Edwin	PreM		* † Danville
Pollit, Basil Henry	PreL	30	* † Urbana
Pollock, Alfred Wolf	Bus	38	* † Fort Smith, Arkansas
Pollock, Alice Margaret	LAS	6	* † Champaign
Pollock, Gertrude	LAS		* † Champaign
Pollock, Loring Fox	Bus	67½	* † Davenport, Iowa
Pollock, Maye	LAS		* † Champaign
Pollock, Milton	CE	41	* † Chicago
Pollock, Samuel B	SS		* † Pewee Valley, Kentucky
Polski, Walter John	AC		* † Eveleth, Minnesota
Pomeroy, Harriet Barrington	ChE (SS)	66	* † Urbana
Pond, Bertram Phillips	ME	68	* † Chicago
Pond, Seymour Gates	LAS (SS)	80½	* † Urbana
Ponting, Theophilus Carl	AC (SS)	44½	* † Stonington
Pontious, Grayce Angelina	SS	8	* † Loogootee
Pontious, Hazel Abigail	SS	8	* † Loogootee
Pontius, William Byron	AC		* † Montague, Michigan
Ponzer, Ernest De Witt	EE	16	* † Le Moille
Poon, Tse Jui	MSE (SS)	51	* † Shanghai, China
Poore, William Bernice	AE		* † Hindsboro
Popel, Bernard Benjamin	Jnl	101	* † Chicago
Pope, Thomas Jefferson	LAS		* † Du Quoin
Pope, Vaden Cole	LAS	24	* † Du Quoin



Popken, Roland Henry	IA	98	* † Oak Park
Popper, Rose Lillian	LAS		* † Chicago
Poretzky, Hymen Lewis	LAS	80	* † Waukegan
Porter, Darryl Doll	Ed	60	* † Calhoun, Kentucky
Porter, Mrs. Cora Case	Lib unc		* † Ponca City, Oklahoma
Porter, David Quigg	Agr	80	* † Chicago
Porter, Elizabeth Justine	LAS unc		* † Urbana
Porter, Mrs. Flora May	Ed unc	129	* † Urbana
Porter, Francis Marion	Arch		* † Urbana
Porter, Jane Thayer	Mus		* † Chicago
Porter, June	LAS	33	* † Chicago
Porter, Wayne S	FC	102	* † Garden Prairie
Porterfield, Esther Elizabeth	HELAS	23	* † Allerton
Porterfield, Faye Lucille	HELAS	33	* † Allerton
Portuondo, Josephine Cecelia	SS		* † Belleville
Potter, Glenn Everett	AC	109	* † Orange, California
Potter, Harold Jones	AC		* † Mendota
Potter, Jessie Louise	Mus (SS)	71	* † Champaign
Potter, Merwin Elwood	AC	34	* † Serena
Potter, Paul Milton	Agr	118½	* † Champaign
Potter, Vervadeen	LAS	66	* † Kinmundy
Pottle, Lucille	LAS	60	* † Wichita, Kansas
Pottlitzer, Leo	Bus	32	* † Lafayette, Indiana
Potts, James Garrett	Bus	43	* † Raymond
Potts, Orie Alfred	Agr	52	* † Taylorville
Pound, Dorothy Burnell	LAS	68	* † Litchfield
Pound, Mary	LAS		* † Litchfield
Powel, Roland N	ME	103	* † Jerseyville
Powell, Chester Rawlings	Agr	33	* † Canton
Powell, Doris K	Bus		* † Champaign
Powell, Milton Edward	Agr	33	* † Chicago
Powers, Florence Elizabeth	LAS	29	* † St. Louis, Missouri
Powers, Frank Beverly	EE	36	* † Chicago
Powers, Fred Richmond, B.S., 1915	SS		* † Sheffield
Powers, William Paul	Bus		* † Chicago
Prather, Jesse James	CL		* † Urbana
Prather, Ona Alice	SHHEd unc (SS)	7	* † Charleston
Pratt, Henry Albert	Agr	60	* † Virginia
Pratt, M Rebekah	LAS	101	* † Mt. Carroll
Pratt, Owen Eugene	Agr	89½	* † Armington
Pratt, Raymond Gilmore	Bus	76½	* † Galva
Preble, J Donald	LAS	96	* † Kokomo, Indiana
Preble, Kenneth Jackson	Bus	61	* † Oak Park
Preigh, Jack Dray	Bus	27	* † LaGrange
Prescott, Charles Chase, Jr.	Bus	32	* † Evanston
Presler, Edrie Mildred	PreL	33	* † Aurora
Pressler, Theodore Harold	AE		* † Chicago
Preston, Robert Allen	RCE		* † Oak Park
Preston, William Thomas	Bus	65	* † Oak Park
Prettyman, Helen	LAS	62	* † Champaign
Preucil, Alice	Ed	67	* † Oak Park
Prewitt, Floyd Earl	Bus	117	* † Urbana
Pribble, William Edward	SS	8½	* † Georgetown
Price, Arthur Jerome	Law	28	* † Grant Park
Price, Arthur Robert	Bus		* † Streator
Price, Charles Courtland	CE	71	* † Litchfield
Price, Clem Wilson	AC (SS)	101	* † Richmond, Indiana
Price, Galen Roger, B.S., 1922	SS		* † Champaign
Price, Harry	Bus		* † Litchfield
Price, Hubert	LAS		* † Sullivan
Price, Ralph A	Ed	83½	* † Richmond, Indiana
Price, Richard Mandeville	EE	67	* † Chicago
Price, Wendell Rocky	Jnl		* † Assumption
Price, William Francis	LAS	65	* † Streator
Pricer, James Harvey	PreL		* † Champaign
Prichard, William Townsend	Accy	118½	* † Champaign
Priebe, Arthur Franklin	Bus		* † Chicago
Priebe, Otto John	LG	65	* † Charles City, Iowa
Primm, Herbert England	CerE		* † Athens
Primm, John Franklin	EE	60	* † Hannibal, Missouri
Pringle, Donald	Bus	60	* † Marengo
Pritchard, Harold Kenneth	EE		* † Elizabethtown
Pritchett, Everett Howard	PreM	32	* † Mt. Carmel
Proctor, Herbert A	LG		* † Urbana
Proctor, Paul Arthur	Chem	25	* † Rockford
Proctor, Richard Willis	Law		* † Chicago
Procutnier, Helen Edna	LAS		* † Chicago
Prosser, Edward T	SS	131½	* † Chicago
Prough, Frank Lewis	CE		* † Kane
Prouty, John Donald	AE	31	* † Evanston
Prouty, Kenneth Burton	Agr	4	* † Woodstock
Pruden, Bradlee	EE	35	* † Wilmette
Pruett, Francis Gordon	FC (SS)	69	* † Kinmundy
Pruett, John Howell	LAS	96	* † Harriburg
Pruitt, Frederick Henry	PreM	64	* † St. Louis, Missouri
Prust, Duane Drake	Bus		* † West Union

Pootta, William	EE	70½	*	Clarkson, Nebraska
Puderer, Philip Cyril	LG	70	*†	Belleville
Pugh, Ralph Levi	Agr	35	*†	Ridgefarm
Pugh, William Hogsette	LAS		*†	Chicago
Pullen, Edith Maude	Mus	35	*†	Alma
Pumpian, Ruth Lesk	Bus	31	*†	Chicago
Punke, Harold Herman	Agr	109	*†	Elliott
Purcell, Carl Monroe	Bus		*†	Oak Park
Purcell, James Sheldon	AE	98½	*†	Chicago
Purdunn, Carson Moyer	PreL (SS)	53	*†	Marshall
Purdy, Ailsa Craig	LAS		*†	Grafton
Pursell, Leonard Dinsmore	Agr	34	*†	Pinckneyville
Purves, Helen Janet	LAS	59	*†	Des Plaines
Puterbaugh, Charles Hadley	LAS		*†	Chicago
Pygman, Clarence Huston	SS	8	*†	Straun
Pyle, Claude Wilson	Jnl	38	*†	Urbana
Pyle, Wendell Amyas	EE	108	*†	Carmi
Quackenbush, Bradford Hills	CE	37	*†	Aurora
Quade, Maurice Northrop	CE	74	*†	Kewanee
Quatman, Florence Rita	SS	4	*†	Allamont
Quatman, Ida Helen	SS	13½	*†	Allamont
Quealy, Philip James	Jnl	14	†	Fort Dodge, Iowa
Queenan, John William	RT		*†	Aurora
Quernheim, Olga Sophia	SS	10		Waterloo
Questel, David Dewitt	Agr	27½	*†	Carmi
Quick, Charles Curtis	Agr		*†	Fiatt
Quick, Gilbert Franklin	PreL	19½	*†	Chicago
Quick, Marion Emma	LAS	32	*†	Maywood
Quick, Roy Moore	PreL		*†	Riverside
Quillan, Bennett Bruce	Bus	98	*†	Chicago
Quinette, William Henry, Jr.	Bank (SS)	106½	*†	Lavon, Oklahoma
Quinlan, Edward Joseph	Bus	2	*†	Oak Park
Quinn, Francis Jones	Bus (SS)	114	*†	LaFayette
Quinsey, Donald Leroy	Accy		*†	Yorkville
Rabe, Margaret Elizabeth	LAS	68	*†	Maywood
Rabinowitz, Edwin	EE	35	*†	Maywood
Racine, Roy Charles	Lav	18	*†	Urbana
Racster, Carl Alfred	IED		*†	Albion
Radcliffe, Charles Bauer	IED	94½	†	Rockford
Radford, Norman Henry	AC	18	*†	Champaign
Radican, Thomas Francis	SS	12½	*†	Joliet
Radley, Richard Herbert	PreL	30	*†	Peoria
Rady, Samuel Palmer	CE	52	*†	Gibson City
Rafferty, Keen	SS	65	*†	Robinson
Raffin, Philip Jordon	Agr	99	*†	Chicago
Raffi, Elis Mary	LAS	60	*†	Red Bud
Raffi, Rosalia P	LAS	24	*†	Red Bud
Ragland, Harold W	CerE	27	*†	Normal
Ragsdale, Ralph Waldo	Agr	81	*†	Yates City
Rahe, Herbert Edgar	LAS	30	*†	Villa Grove
Rahilly, Eileen Gertrude	LAS		*†	Peoria
Rai, Narabhoop	ME	75½	*†	Bengal, India
Raimer, Edward Munroe	Bus	38½	*†	Danville
Raimer, McKee	LAS	54	*†	Danville
Rainey, Helen Edna	Mus	98	*†	Mt. Vernon
Ralph, William Sutherland	SS	8		Chicago
Ram, Samuel	EE		†	Chicago
Ramadanoff, Dimiter	EE	155	*†	Softa, Bulgaria
Ramenofsky, Abraham Isadore	PreM		*†	LaSalle
Ramey, Harry Bancroft	Bus	34	*†	Carlinville
Ramey, Richard Meharry	Jnl		*†	Champaign
Ramsay, Edith Mabel	SS	8		Dana
Ramsay, Ruth Romilda	SS	23½		Dana
Ramser, Joseph Retz	Bus	95	*†	Urbana
Ramser, Marie Louise	Bus (SS)	69	*†	Urbana
Ramson, Alice Pryner	LAS	26	*†	Bloomington
Ranahan, Arthur Frank	Arch	67	*†	Terre Haute, Indiana
Rand, Albert LeRoy	LAS	30	*†	Wilmette
Randall, Edith Delia	LAS		*†	Scotland
Randall, Frank Austin	Agr	98½	*†	Brookfield
Randall, Glenn Seymour	Agr	63	*†	Scotland
Randall, Henry Earl	PreM		*†	Bonnie
Randall, Phyllis Kathryn	LAS		*†	Evanston
Randall, Ralph Edward	LAS	24	*†	Indianapolis, Indiana
Randecker, Theodore Herman	Bus		*†	Chicago
Randolph, Frederick Travis	ChE	36	*†	Elkhart, Indiana
Randolph, James Hamilton	LAS		*†	Kenney
Randolph, John Fitz	Agr	28	*†	Canton
Randolph, Karl F	Agr		*†	Canton
Randolph, Paul Johnston	Bus		*†	Beason
Rane, Alice Lucile	CCS	18	*†	Crystal Lake
Raney, Groman	Bus	10	*†	Fairmount, Missouri
Rank, George Bernard	CerE		*†	Moline
Rankin, Esther Byrle	Accy (SS)	95	*†	Champaign
Rankin, Helen Margaret	LAS		*†	Champaign
Rankin, James Tyler	LAS	30	*†	DeKalb

Rankin, Lewis, Jr.	LAS		† Athens
Rankin, Lucille Ethelyn	Mus		† Urbana
Ransdell, Thomas Fred	AC	28	† Urbana
Rapp, Stanley Ragnar	ME		† Chicago
Rarick, Hazel Daisy	HEAgr	36	† Urbana
Rasmus, Ethel Genevieve	Mus Ed	103	† Cherokee, Iowa
Rasmussen, Russel Nelford	Agr	33	† Millington
Rasmussen, Gorman Leonard	Bus		† Chicago
Rasmussen, Howard Burnett	CE		† Chicago
Rasmussen, Howard Emmett	Bus	37	† Maywood
Rasmussen, Hugh Alexis	PreM		† Beardstown
Raster, Alfreda	Ed	115½	† Chicago
Ratchliffe, Myron Fenwick	FC	67	† Eanston
Rathford, Robert Elliot	PreM		† Joliet
Ratcliff, Francis Lorimer	Jnl		† Farmer City
Ratny, Herman Joseph	LG unc		† Urbana
Ratsek, John Carl	Flor	44	† Chicago
Rattan, James Allen	CL		† Decatur
Ratzesberger, Anna Stimpson	LAS	101	† Milford
Ratzesberger, Louis	IA		† Milford
Ratzesberger, Louise	HELAS	32	† Milford
Rau, Della Blanche	HELAS	92	† Blue Mound
Rauch, Arthur Edward	Accy	64	† St. Charles, Missouri
Ravid, Lucille	Jnl		† Chicago
Ravlin, Lawrence Clark	LAS	27	† Kanerville
Rawlings, Cecil Otis	Agr (SS)	69	† Strasburg
Rawlins, Roderick King	PreM	56	† Hinsdale
Rawley, Manahar Lal	SS	140	† Punjab, India
Rawson, Alice Tryner	LAS	26	† Bloomington
Ray, Genie Laura	LAS		† Hoopston
Ray, Glenn Raymond	PreM	30	† Sullivan
Ray, Harry Edwin	SS		† Melott, Indiana
Ray, William Clarence	Law		† Decatur
Rayburn, French Rose	HELAS	35	† Chicago
Raymond, Richard Thain	Bus		† Oak Park
Rayney, John William	Chem	29	† Oak Park
Raynolds, James Albert	ChE		† Springfield
Rea, Duppe	Bus		† Benton
Rea, George	Bus		† Urbana
Read, Flossie Mae	LAS (SS)	69	† Newton
Reagan, Mrs. Marguerite Moffitt	SS	8	† Frankfort, Indiana
Reamer, Richard S	IA	100	† St. Louis, Missouri
Reardon, William Bryan	FC		† Delavan
Rearick, Ernest Milton	Bank		† Dwight
Reasor, Marion Lowell	Bus	65	† Hindsboro
Reaugh, Nette Lou	LAS	34	† Mackinaw
Reber, James Watt	LAS	30	† Wheaton
Rebham, Howard Henry	Agr	121	† Raymond
Rebmaun, Charles J	AC		† Fithian
Records, Irene	SS	54	† Champaign
Reddick, Willis Carol	Jnl	34	† Clinton
Redeker, George Cleveland	IA	82½	† Elgin
Redman, Benjamin Rice	SS	16½	† Elipolis
Redman, Noble Russell	SS	8½	† Huntingburg, Indiana
Redus, Therle Jean	Bus		† Champaign
Reece, Howard	IA	22½	† Joliet
Reed, Bessie Jane, A.B., 1913	Lib	34	† West Alexander, Pennsylvania
Reed, Carl Seward, Jr.	LAS		† Monticello
Reed, Delmar Francis	Bus		† LaFayette
Reed, Fern Lorraine	LAS		† Danville
Reed, John Ellis	RT		† Downers Grove
Reed, Laurence Stevens	ME		† Chicago
Reed, Robert Curtis	EE		† Oak Park
Reed, Theodore Wesley	Bus	19	† LaFayette
Reeder, Wayne Beckman	PreL		† Tuscola
Reeds, Alice Ferol	LAS		† Hindsboro
Reedy, Ruth Anita	CCS		† Indianapolis, Indiana
Reese, Fred	LAS		† Sullivan
Reese, George LeRoy	CE		† Decatur
Reese, Romola	LAS		† Urbana
Reeve, Glidden Boyce	SS	8	† Jacksonville
Reeve, James Thomas	SS	20½	† Avon
Reeve, Keith	Arch	129½	† Edwardsport, Indiana
Reeves, Dorothy Lois	LAS	31	† Linton, Indiana
Reeves, Hazell Helen	LAS		† Vandalia
Regan, William Clifton, Jr.	AC		† Stronghurst
Regur, Willard Spencer	Bus		† Delavan
Rehling, Armin John	Agr	69	† Waterloo
Rehm, Arthur Charles	Eng	68	† Oak Park
Rehm, Edna	LAS	32	† Oak Park
Rehm, Lois Adeline	LAS	65	† Oak Park
Reich, William Robert, B.S., 1922	SS		† Champaign
Reichard, Cecil Lex	Bus	8	† Urbana
Reichet, Dorothy	Ed (SS)	100	† Deerfield
Reichman, Abraham	PreM	33	† Chicago
Reid, Alfred Joshua	SS	9½	† Lake Charles, Louisiana

Reid, Bertha C	Bus		* † Rockford
Reid, Emily Cleda	SS	117	* † Albion
Reid, George Lofgren	Bus	31½	* † Chicago
Reid, Harold Armitage	RCE		* † Chicago
Reid, Leslie Lightfoot	PreL		* † Chicago
Reid, Lorena Grace	SHHEEd	96	* † Albion
Reid, Prentiss Edgar	SHAEd	122	* † Sparta
Reid, Ruth Kathryn	LAS		* † Chicago
Reid, Stephen Holland	CE	98	* † Chapin
Reif, Richard Emil	CerE	130	* † Oak Park
Reif, Selena Barbara	HELAS	65	* † Oak Park
Reilly, Carroll Martin	EE		* † Dizon
Reiman, Russell Andrew	LG	109	* † Wooster, Ohio
Reinertsen, Don Ziegler	LAS	24½	* † Milwaukee, Wisconsin
Reinhardt, Emma	LAS	104½	* † Pittsfield
Reisch, Jacob Edgar	PreM	34	* † Springfield
Reitman, Rhoda	LAS	30	* † Chicago
Reitz, Edward John	ME	129	* † Eggertsville, New York
Remington, Owen Joseph	Jnl	64½	* † Menominee, Michigan
Remley, Chelsy Glessner	SS	16½	* † Waynetown, Indiana
Remley, Ruby Kemp	SS	14½	* † Waynetown, Indiana
Renfer, Anna Margaret	LAS	24	* † Forest Park
Renfro, Eva Marie	LAS	107½	* † Collinsville
Renker, Helen	HEAgr		* † Homewood
Renking, Henry Lewman	EE		* † Evansville, Indiana
Rennen, Mary Elizabeth	LAS (SS)	33	* † Chicago
Renner, Edna Louella	LAS	98	* † Urbana
Renner, Maynard Shelley	LAS	104	* † Joliet
Renner, Walter S	LAS	65	* † Waterloo, Indiana
Reno, Donald Maxwell	Mus		* † Champaign
Reno, Russell Ronald	PreL	32	* † Oak Park
Renwick, Frank Edward	Bus	30	* † Joliet
Resch, Francis Alvin	Jnl		* † Sycamore
Resek, Ephraim Frederick, Jr.	LAS	109	* † Fort Collins, Colorado
Restle, C Stanley	AC		* † Clinton, New York
Rethorn, Eula Louisa	Ed	93½	* † Chandlerville
Retenmayer, Clyde	EE	57½	* † Loup City, Nebraska
Reuss, Charles Arthur	Bus	28	* † Chicago
Rew, Ina Marcelain	Mus	96	* † Metropolis
Reynolds, Bryson James	LAS		* † Evanston
Reynolds, Ethel May	LAS unc (SS)	8	* † Champaign
Reynolds, Gaylord Vincent	AC	58	* † Dell Rapids, South Dakota
Reynolds, Herbert Kenneth	Bus	101	* † East St. Louis
Reynolds, Hugh Elba	Law (SS)	10	* † Champaign
Reynolds, Kenneth Lee	IEd		* † Villa Grove
Reynolds, Laura Maie	LAS	21	* † Sheldon
Reynolds, Mabel Frances	LAS (SS)	36	* † Champaign
Reynolds, Ward Marilyn	Agr		* † Altona
Rhines, Merle Allison	LAS	35	* † Marseilles
Rhoades, Elizabeth	LAS	99	* † Delavan
Rice, Mrs. Carrie M	SS	8	* † Urbana
Rice, Charles Robert	PreL		* † Mound City
Rice, Harold Hodder	RT	29	* † Chicago
Rice, John Leo	Agr	97	* † Bridgeport
Rice, LaVerna	Ed (SS)	72	* † Potomac
Rice, Lois Marie	LAS	106	* † Worden
Rice, Miriam	LAS	63	* † Oak Park
Rice, Norman Lewis	LAS	55	* † Aurora
Rice, Walter Orville	EE	33	* † East Moline
Rice, William Taylor	FC (SS)	74½	* † Sidell
Rich, Albert Dyckman	ChE	68	* † Chicago
Rich, Barrett Galloway	ME	73	* † Chicago
Rich, Edward Corydon	LAS	67	* † Keokuk, Iowa
Rich, Francis Marion	ME	95	* † Chicago
Richards, Edward John	IA	98	* † Glencoe
Richards, Harland	LAS (SS)	53½	* † Champaign
Richards, John Mather	Bus	5	* † Harvey
Richards, Williams Franklin	CerE		* † Centralia
Richardson, Georgia Olive	HEAgr		* † Urbana
Richardson, Henry Johnson	Bus	7	* † Chicago
Richardson, Louis Alexander, Jr.	AE		* † Marine
Richardson, Ralph Lewis	EE	96	* † Rockford
Richart, Ralph Robert	EE	23	* † Cartersville
Richie, Harold Benjamin	Agr	65	* † Georgetown
Richmond, Donald Dewey	PreL	67½	* † Lacom
Richmond, Milo James	LAS		* † Cutler
Richmond, Park	Bus	30	* † Oak Park
Rickbell, Raymond Earl	Accy (SS)	96	* † Cavalier, North Dakota
Ricketts, Arthur Edward	Bus		* † Buffalo, New York
Riekman, John William	Bus	46	* † Rainbow, Texas
Riddell, Graham Ellis	Eng		* † Chicago
Riddle, Garth Tuthill	SS	63½	* † Urbana
Riddle, Lucille	LAS		* † Riverton
Riddle, Reba	LAS (SS)	108½	* † Urbana
Rider, Dana Pearl	LAS		* † Bushnell
Ridge, Paul Arthur	AC	36	* † Connersville, Indiana

Ridinger, Charles Cyril	Bus	45	† Saunemin
Ridlen, Herman, A.B., 1923	SS		Willow Hill
Ridlen, Ruth Duffey	SS		Willow Hill
Riess, Roy Noble	LAS		† East St. Louis
Rigg, Mabel	LAS	10½	* † Hamilton
Riggle, Lyman Curtis	CE	71	* † Flora
Riggs, Bess	Mus unc		* † Urbana
Riggs, Harold Miller	Bus	99	* † Lakewood, Ohio
Riha, James Joseph	Bus		* † Chicago
Riley, Russell Hall	IA	72	* † Leroy
Riley, Sister Mary Victor	SS	8	Springfield
Rinard, Harriet Virginia	SS	7	Kentland, Indiana
Rinella, James Paul	Bus		* † Chicago
Riney, Charles Edward	Agr unc	21	* † Gays
Ring, George Francis	AC	107½	† Chicago
Ringel, Harvey Norman	Mus		* † Peoria
Ringel, Rita	LAS		* † Davenport, Iowa
Ringness, Theodore Richard	EE	70½	* † Peoria
Rinker, Harvey Willard	Agr	96	* † Grand Ridge
Rinker, Paul Hamilton	Bus		* † Chicago
Risser, Ivan Henry	IA		* † Chicago
Rissler, Samuel Morris	SS	6	Sedalia, Missouri
Ritchie, Cyril Brown	PreM	38	* † Hagerman, Idaho
Ritchie, David Gavin	Bus		* † Chicago
Ritchie, Fred	SS	5	Foosland
Ritenhouse, John Neil	Bus		* † Galesburg
Ritter, August Herman	ME	107	* † Northbrook
Ritter, Vern William	PreM	37	* † Olney
Ritter, William Henry	PreM		* † Mattoon
Ritz, John Henry	AC		* † Lizton, Indiana
Rivera, Theodore Voiser	CE		* † Laguna, Philippine Islands
Roark, Kathryn Rosemary	SS	139	Bushnell
Roat, Harold William	AE	63	* † Kankakee
Robb, Harry Martin	Bank (SS)	114	* † Windsor
Robb, Iva Marie	SS	14	Windsor
Robbe, Charles Rube	SS	6	Mt. Carroll
Robbin, Edward Isadore	PreL	17	* † Chicago
Robbins, Clyde F	EE		* † Manhattan
Robbins, Rebecca Nancy	LAS		* † Litchfield
Roben, Leona Estella	Mus	28	* † Weldon
Roberson, Francis Rassiur	Arch		* † St. Louis, Missouri
Roberson, George Gale	LAS	72	* † Mound City
Roberts, Alice Irma	LAS	104	* † Metropolis
Roberts, Arthur Lester	MinE		* † Benton
Roberts, Duncan Forest	AC		* † Connersville, Indiana
Roberts, Ellen	LAS	28½	* † Chicago
Roberts, Frank Ebenezer, Jr.	EE	71	* † Fairfield
Roberts, Gilbert Jay	LAS	67	* † Oskaloosa, Iowa
Roberts, LeVan	Jnl	26	* † Chicago
Roberts, Mabel Irene	SS	8	Mahomet
Roberts, Melville Parker	LAS		* † Stamford, Connecticut
Roberts, Richard Weyer	Bus	34	* † St. Louis, Missouri
Robertson, Agnes Lucille	HEAgr		* † Sparta
Robertson, Almira Janette	Ed	103	* † Sparta
Robertson, Harris Morton	SS	22½	Pittsburg
Robertson, Harvey Howe, Jr.	LAS		* † East St. Louis
Robertson, Helen Reliance	Ed	60	* † Madison, South Dakota
Robertson, Juanita May	LAS	30	* † Champaign
Robertson, Mabel Rosalind	LAS	88½	* † Marshall
Robertson, Margaret Jessie	HELAS	33	* † Rushville
Robin, Sidney Leon	PreL	72	* † Chicago
Robins, Martha	SS	8	West Ridge
Robinson, Alice Isabel	LAS	67	* † Oak Park
Robinson, Benjamin Dwight	Agr	109	* † Kansas
Robinson, Charles Barnard	Agr	32	* † Granville
Robinson, Donald Bruce	ChE	103½	* † Oak Park
Robinson, Everett Bernard	Bus		* † Urbana
Robinson, Frank Clarence	CE	77	* † Joplin, Missouri
Robinson, George Germer	EE	109	* † Maywood
Robinson, George William	EE	112	* † Kansas City, Missouri
Robinson, Karl Frederic	Ed	69	* † Maywood
Robinson, McHenry	Bus		* † East St. Louis
Robinson, Myra Zoe	SS	27	Pittsfield
Robinson, Olive	HELAS		* † Anna
Robinson, Paul H	Bus		* † Chicago
Robinson, Raymond LaVerne	Bus		* † Chicago
Robinson, Robert George	Bus		* † Champaign
Robinson, Wallace Samuel	Bus	32	* † Shabonier
Robinson, William Ballard	Agr	121	* † Wilmette
Robinson, William Ernest	LAS (SS)	134½	* † Urbana
Robison, Frank Leslie	Agr		* † Morton
Robison, Mary Leslie	LAS	78	* † Pekin
Robison, Morris William	AC	80	* † Carlinville
Roche, Thomas Joseph	MinE	65	* † Chicago
Rochells, Jerome J	EE		* † Chicago
Rock, Alice Adelia	LAS	30	* † Mansfield

Rock, Elinor May	Bus	30	†	Kansas City, Missouri
Rooke, Clara May	HEAgr	6	†	Logansport, Indiana
Rocke, Gilbert Jacob	LAS	87½	†	Logansport, Indiana
Rockhold, Blanche Marie	LAS		†	Boswell, Indiana
Rodebaugh, Victor Bryan	Accy	101	†	Greenup
Rodehauer, Gerald Ewing	PreL	16	†	Hurst
Rodgers, Eben, Jr.	CerE		†	Allon
Roe, Clarence Edward	FC	22	†	Champaign
Roe, Frank Chapman	CE	78	†	Chicago
Roe, Gertrude Alice	SHHEEd	74½	†	Homer
Roe, Miriam, A.B., 1920	Lib		†	Omaha, Nebraska
Roe, Sterling Grant	Accy	70	†	Urbana
Roesch, Willard George	ME	70	†	Aurora
Roesing, Frank M., Jr.	LAS		†	Evanston
Roeske, Arthur Gerald	CerE	68	†	Michigan City, Indiana
Roessler, Carl Emil	Accy	64	†	Chicago
Roettger, Walter Henry	Bus	99	†	St. Louis, Missouri
Roewade, Alger Goodwin	PreL	30	†	Chicago
Rogan, Octavia Fry, A.B., 1908	Lib	32	†	Austin, Texas
Rogers, Clarence English	CE	15	†	Joliet
Rogers, Della Mae	LAS unc	17½	†	Urbana
Rogers, Donald Gilbert	AC		†	Polo
Rogers, Helen Stewart	LAS		†	Chicago
Rogers, Ina	SS	7½		Mulkeytown
Rogers, Richard Amos	FC	39½	*	Chicago
Robde, Arthur John	SS	84		Chicago
Rokusek, Frank Edward	Bus	67	†	Omaha, Nebraska
Rolfe, Mrs. Dorothy Fisher	LAS	68	†	St. Louis, Missouri
Rolfe, Rial Edward	Ed	96	†	Chicago
Rolleston, William Anthony	Arch	71	†	Perry, Iowa
Rollins, Berenice	IG	121	†	Kankakee
Rollins, Oatley	Bus	6	†	Kankakee
Romig, John William	ME	109	†	Kewanee
Romig, Lois Lavone	SS	11½	†	Danville
Romine, Harry Veach	ChE	71	†	Peoria
Romine, Vernon Montelle	CE	74	†	Tuscola
Romney, George Ottinger	SS	11½		Salt Lake City, Utah
Ronalds, LaVange Orellia	SS			West Salem
Ronalds, Lucille Nadine	LAS	31	†	Eldorado
Roney, Mrs. Margaret E	SS	7½		Decatur
Rood, Marguerite Ellen	Mus (SS)	104	†	Macon, Georgia
Rooney, Mary Beatrice	SS	12		Chicago
Roos, Roy Emil	Bus	111	†	Chicago
Root, Roy Melvin	SS	32		Urbana
Root, Susan Verne	SS	7		Versailles
Root, Violet Eleeta	Accy		*	Urbana
Ropp, Josephine Elizabeth	LAS	25	†	Geneseo
Rosales, Leo	PreM	66	†	Chicago
Rose, Alfred Royer	IA	68	†	Chicago
Rose, Donald Justin	Chem		†	Tuscola
Rose, George William	Bus (SS)	31	†	Springfield
Rose, Hester Cleone	Mus	2	†	Tuscola
Rose, Myron Potter	Bus	83½	†	Champaign
Rose, Robert Carl	Bus	16	†	Urbana
Rosenbaum, Dorothy	LAS	31	†	Chicago
Rosenberg, George Joseph	LAS	64	†	DuQuoin
Rosenberg, Sidney	Accy		†	Chicago
Rosenbohm, Anna Marie	LAS	82½	†	Peoria
Rosene, Robert Willard	Bus	31	†	Chicago
Rosenfeld, David	PreL		†	Terre Haute, Indiana
Rosenstein, Louis	EE	111	†	Chicago
Rosenstein, Milton W	CE	106	†	Chicago
Rosenston, David	EE	65	†	Chicago
Rosenthal, Lawrence Valentine	PreL	27	†	Chicago
Rosenthal, Lewis Meyers	Bus	19	†	Chicago
Rosky, Edna Mae	LAS	111	†	Chicago
Ross, Alton Perry	Bus		†	Benton Harbor, Michigan
Ross, Charles Meredith	EE		*	Rossville
Ross, Dillon Lewis	Accy	103	†	Council Bluffs, Iowa
Ross, Donald Hamilton	IA	106	†	Benton Harbor, Michigan
Ross, Ira Guild	Eng		†	Chicago
Ross, Lawrence Russel	Agr		*	Rossville
Ross, Margaret Neill	HELAS	33	†	Chicago
Ross, Ruth Hanna	LAS (SS)	38	†	Urbana
Ross, Virgil Byron	Agr	31	†	Palmyra
Rossell, Eva Dorothea	LAS unc	3	†	Worcester, Massachusetts
Rossiter, Lewis, Jr.	PreM		†	Mattoon
Roth, Franklin Waldo	Ed	78½	†	Gibson City
Roth, Harry Jackson	Bus (SS)	57½	†	Mattoon
Roth, Helen Lucile	Mus		†	Mount Olive
Roth, Joseph Printz	IA	35	†	Youngstown, Ohio
Rothe, Harold Charles	ME	37	†	East St. Louis
Rothfuss, William Junior	ME		†	Decatur
Rothrock, Helen Victoria	ME	68	†	Chicago
Rothschild, Donald Allen	LAS	100½	†	Madison, South Dakota
Roti, Rose Marie	HELAS	66	†	Chicago

Rottmayer, Samuel Irving	ME	43	* †	Zion City
deRoulet, Paul Alfred	IA	96	* †	Chicago
Round, Oliver Horning	IA		* †	Lyndon
Rous, Otto James	Jnl		* †	Cicero
Routledge, Mary Esther	Jnl	34	* †	Miami, Florida
Rowe, Charles Chittick	Accy	63	* †	Frankfort, Indiana
Rowe, Harold Baker	Bus	65	* †	Oak Park
Rowe, John Welsey	Ed (SS)	74½	* †	Beacon, Michigan
Rowe, Robert Leslie	Bus		* †	Frankfort, Indiana
Rowland, Beulah Mary	LAS		* †	Chicago
Rowland, John Judson	Arch	18	* †	Wauwatosa, Wisconsin
Rowland, Raymond Edgar	SS	81	* †	Ashmore
Rowland, Walter Alfred	FC (SS)	159½	* †	Champaign
Rowley, Donald Goode	Bus	96	* †	Chicago
Rowley, Melvin Arthur	Eng	73	* †	Oak Park
Roy, Lawrence Edward	Mus	2	* †	Danville
Roy, Walter Dewey	AC	93	* †	Pesotum
Royal, Kenneth	SS	6½	* †	Oak Park
Rubeck, Arthur Morris	Bus	21	* †	Belvidere
Ruben, Gytte	LAS		* †	Chicago
Rubenstein, Ethel	Bus		* †	Chicago
Rubenstein, Harry	PreL	19	* †	Chicago
Rubenstein, Joseph Gerald	Accy	104½	* †	Chicago
Ruby, Lawrence Irving	CL	65½	* †	Chicago
Ruchti, Werner F O	Agr	126½	* †	Madison, Wisconsin
Rudd, Guy Chandler	CE	71	* †	West Chicago
Rudd, Richard David	CerE		* †	West Chicago
Rude, William Buckley	AE		* †	Miami, Florida
Rue, Doran Therman	PreM		* †	Mattoon
Rueb, Fred, Jr.	Eng	36	* †	Granite City
Ruedel, Franklin John	Flor	49	* †	Chicago
Ruettinger, John William	AE		* †	Chicago
Ruge, Morell	Chem	28	* †	St. Louis, Missouri
Ruge, Helen Carolyn	LAS	47½	* †	Champaign
Rumming, George Edmund	LAS	56	* †	Focattello, Idaho
Rumney, Glenn George	Bus		* †	Leland
Rump, August Henry	SS	7½	* †	Conway, Kansas
Rumsfeld, George Donald	Bus	32	* †	Chicago
Rund, Sister Mark	SS		* †	Tuscola
Rundell, John Leslie	Bus	41½	* †	Wayne, Nebraska
Runkle, Willard C	FC	67	* †	Galesburg
Runyan, Willard Miller	LAS	101	* †	Elvaston
Rupel, Edna Belle, B.S., 1923	SS		* †	Urbana
Rupel, Ernest Willard	Agr	97	* †	Urbana
Rupp, Julius Christopher	LAS		* †	Quincy
Rupprecht, Bertha Elizabeth	LAS	31	* †	Chicago
Rushmore, Carlton William Wilson	MinE	46½	* †	Fox Lake
Rusness, Lawrence Wallace	SS	9	* †	Moorhead, Minnesota
Russell, Etta M	SS	26	* †	Urbana
Russell, Glenn Everett	Bus		* †	Walnut
Russell, John Leslie	Agr (SS)	76	* †	Robinson
Russell, John Roland	PreM		* †	Rockford
Russell, Kenneth Barnes	EE	34	* †	LeRoy
Russell, Meryl Althea	LAS	32	* †	Harvey
Russell, William Joseph, Jr.	Bus	99	* †	Rockford
Russenberger, Marguerite Rosa	Bus	66	* †	Peoria
Rust, Marion Josephine	LAS	31	* †	Pekin
Rutan, Mabel Alice	Mus unc		* †	Fithian
Rutherford, Edgar King	Bus (SS)	120	* †	Girard
Rutherford, Richard James	ME (SS)	110½	* †	Chicago
Rutledge, Alma Willis	LAS unc (SS)	33	* †	Baltimore, Maryland
Rutledge, James Norman	ME (SS)	76½	* †	Fort Smith, Arkansas
Rutledge, Philip Casteen	SS	2	* †	Cambridge, Massachusetts
Rutzen, William Albert	Bus	33	* †	LaGrange
Ruvel, Nathaniel Sol	PreL		* †	Chicago Heights
Ryal, Leneath Perkins	ME	31	* †	Cairo
Ryan, Gail	SS		* †	Chicago
Ryan, Harry Edward	PreM	32	* †	Centralia
Ryan, James Vincent	PreL	20	* †	Chicago
Ryburn, Madeline Elsie	LAS	97	* †	Bloomington
Rygel, Edward	Bus	58½	* †	Chicago
Rzeszotaxski, Chester	Bank	19½	* †	Chicago
Saalwachter, Leonard Thomas	SS	124	* †	Owensboro, Kentucky
Sabbah, Camille Aley	SS	13	* †	Belrut, Syria
Sabbath, Ben B	PreL		* †	Aledo
Saben, Adaline Ruth	SS	8	* †	Oquawka
Sabin, Allen Lucien	PreM	31½	* †	Sullitan
Sabin, Merrill Simons	MSE	131	* †	Antioch
Sachtleben, Albert Charles	Arch		* †	Chicago
Sacks, Bernard Morris	Bus		* †	Chicago
Sadler, Glenn Laltue	AC	14	* †	Grove City
Sadler, Louise Ercel	LAS	61	* †	Danville
Safford, Verle Willson, A.B., 1923	Law	30	* †	Washburn
Sager, Helen Chowning	SS	131	* †	Lockport
Sager, John Chowning	MSE	32	* †	Lockport
Sahgal, Bansil Lal	Bank (SS)	132	* †	Hydrabad, India

Sailors, Martin	Bus		† Taylorsville
St. Clair, Lucy Dorothy	LAS	57	* † Chicago
St. John, Lyle B	Bus (SS)	80	* † Pontiac
St. Peter, Alfred Elmendorf	Accy		* † Highland Park
St. Peter, Milton Elmendorf	ME	32	* † Highland Park
Saldarriaga, Alberto	SS	9	* † Medellin, Columbia
Salisbury, Helen Adelyn	LAS	29½	* † Chicago
Sallee, George Alden	Agr	70	* † Gerlaw
Salmen, Fred	CE	72	* † Winnetka
Salmen, Kenneth Nelson	AE	89	* † White Lake, South Dakota
Salmon, Vivian Margaret	Bus		* † Waukegan
Salzberg, Paul Lawrence	SS	6	* † Galesburg
Sample, Sam Steele	ME	143½	* † Webster Groves, Missouri
Samuels, Jack Marcus	Bus		* † Springfield
Samuelson, Archie Victor	Eng	29½	* † Chicago
Sandall, Alvin Mann	AC	86½	* † Elgin
Sandberg, Hildur Louise	Flor		* † Danville
Sanders, Earle E	LAS unc	6	* † St. Joseph, Missouri
Sanders, Floyd Walsh	Bank	68	* † Urbana
Sanders, William Chapple	SS	139½	* † Ottawa
Sanderson, Tom Willoughby	CE		* † Evanston
Sandherr, Erven Frederick	ME	35	* † St. Louis, Missouri
Sanford, Allan Douglas, Jr.	LAS		* † Waco, Texas
Sanford, Colman George	Bus	15	* † Chicago
Sanford, Frances Asley	HEAgr	99	* † Urbana
Sanford, George William	FC	55	* † DuQuoin
Sanial, Arthur John	EE	94	* † Brooklyn, New York
Sankee, Ruth Eugenia	SS	65	* † Lawrence, Kansas
Sanmann, Frank Paul, B.S., 1921	SS		* † Havana
Sanson, Donald R	PreL		* † Atoka, Oklahoma
Sanson, William Herbert	Law	107	* † Urbana
Santee, Kenneth Priddy	Bus		* † Chicago
Santiago, Felipe de la Peria	Ed	68½	* † Baluan, Philippine Islands
Saper, Mitchell	Bus	26½	* † Kansas City, Missouri
Saper, Norman	CE	48	* † Chicago
Sargent, Richard Boynton	ME (SS)	111	* † Greenfield
Sarpalius, William Keistutis	Bus unc (SS)	6	* † Chicago
Sartin, Milburn Morton	Bus		* † South Bend, Indiana
Sass, Helen Aldon	PreM	33	* † Chicago
Sasseman, Grace Louise	LAS		* † River Forest
Satterfield, Boydston	Arch		* † Raleigh, North Carolina
Satterfield, William Thompson	PreM		* † Louisville, Kentucky
Sattler, Lillian Ida	LAS	66	* † Chicago
Sattler, William Ralph	Bus		* † St. Joseph
Saunders, Ethel Marie	LAS	68	* † Canton
Saunders, Mrs. Mary Ferne	SS	6	* † Newman
Saunders, Richard Seavey	Bus	98	* † Cincinnati, Ohio
Savage, Alice Elinor	LAS	98½	* † Urbana
Savage, Anne	HEAgr	27	* † Urbana
Savage, George Claude	SS	7½	* † Glen Burnie, Maryland
Savage, Margaret Lacey	LAS	69	* † Urbana
Savage, Raymond Phillip	Bus	85	* † Chicago
Saville, Frances Olive	LAS	97	* † Canton
Sawers, Mary Beeler	LAS	16	* † Webster Groves, Missouri
Sawyer, Clifford Bruce	PreL		* † Kankakee
Sawyer, Elbert Pearl	PreL	26	* † Fisher
Sawyer, Elizabeth	LAS (SS)	99½	* † Nashville
Sawyer, John Wardall	Bus	130	* † Champaign
Sawyer, Julia Margaret	HELAS		* † DuQuoin
Sawyer, Lester	LAS		* † Christopher
Sax, Harold Wachtel	Jnl	32	* † Chicago
Saxon, J Harold	SS		* † Moultrie, Georgia
Saylor, Cerilla Elizabeth	SS		* † Gary, Indiana
Sayre, Albert Gerald	SS	8½	* † Milton, Wisconsin
Schable, Mary T	PreM		* † Pierson
Schad, Eugene Fred	ME	36	* † Chicago
Schaefer, Edward Joseph	CE		* † Chicago
Schaefer, James Walter	MinE	73	* † Chicago
Schaeffer, Vivian Ruth	LAS	28	* † Beardstown
Schafer, Christian Walter	PreL		* † Leroy
Schaff, John William	Agr	35	* † Chicago
Schall, Hugh Louis	EE	71½	* † Chicago
Schaller, Julius Leonard	ME	108	* † Mendota
Schanbacher, Karl	LAS		* † St. Louis, Missouri
Schaus, Eunice Sybilla	LAS	24	* † St. Louis, Missouri
Schechter, Henry Kenneth	Agr	30	* † Georgetown
Scheffer, Sophia Bertha	LAS	99	* † Atwood
Scheidenhelm, Elmer Christian	Agr	33	* † Mendota
Schenk, Conrad Oscar	AC		* † Orchard Park, New York
Schenker, Ray	ME		* † Waukegan
Scher, Rueben Robert	Bus	30	* † Chicago
Scherer, Alfred Kasper	Agr		* † Olney
Scherer, Lewis Frederick	ME	72	* † Ottawa
Schermes, William	Bus		* † Kansas City, Missouri
Schertz, Ralph M	Agr		* † Cazenovia
Scheu, Francis George	PreL		* † Chicago



Scheyer, Roy Wolf	AE		* † Chicago
Schick, Lincoln George	Bus	125	* † Clearwater, Florida
Schiff, Jack	Bus		* † Terre Haute, Indiana
Schildhauer, Fred Jacob	AC	65½	* † New Holstein, Wisconsin
Schilling, Clarence George	LAS	36	* † Carlyle
Schillinger, Horace Thomas	AE		* † Winchester
Schillo, Marian	LAS unc		* † Chicago
Schilsky, John	PreM		* † Springfield
Schilsky, Reinder Feldkamp	CE	52	* † Springfield
Schima, Edward Joseph	LAS	125	* † Chicago
Schimmel, Albert W	SS	8½	* † Lowell, Ohio
Schindler, John	PreM		* † Chicago
Schisler, Herbert Aloysius	SS	7	* † Peru
Schlapprizzi, Lester Burton	Accy	65	* † St. Louis, Missouri
Schlechter, Herbert Walter	CE	88½	* † Fessenden, North Dakota
Schlenz, Harry Edward	MSE	17	* † Chicago
Schlichting, Walter George	ME	35	* † Davenport, Iowa
Schlossbauer, William John	Bus	106	* † Chicago
Schlots, Fred Emerson	Agr	55	* † Elmwood
Schlueter, Anita Cordelia	SS	32	* † Collinsville
Schmalz, Walter Fink	Bus	16	* † Chicago
Schmidgall, John Raymond	EE	32	* † Murphysboro
Schmidli, Gertrude Mabel	SS	7	* † Bonfield
Schmitt, Bartley E	AC	18	* † East St. Louis
Schmitt, Howard Ignatius	CE	66	* † Chicago
Schmoeller, Elsie Marie	LAS unc	10	* † Alton
Schneider, Abraham George	SS	7½	* † Webster, Kansas
Schneider, Agnes Marguerite	SS	6½	* † Champaign
Schneider, Anthony Laurence	CL	65	* † Champaign
Schneider, Mabel Marie	LAS	70	* † Urbana
Schneider, Robert Everett	EE	108	* † Pekin
Schneider, Roy John	AE	121½	* † Champaign
Schneider, William Balthser	LAS	112	* † Waterloo
Schnellbacher, Emil St. Elmo, A.B., 1923	Law	19	* † Quincy
Schnepp, Kenneth Herman	LAS		* † Springfield
Schoch, Phil Flick	LAS	34	* † Ottawa
Schoenbrod, Herbert J	Bus		* † Chicago
Schoening, William Herman	Bus		* † Chicago
Schoenling, Philip	AC	67	* † Harrison, Ohio
Schoenwald, Gilbert William	CL		* † Chicago
Scholl, Daniel Peter	AC		* † Fairfax, South Dakota
Scholz, Richard Ferdinand	Law	27	* † Quincy
Schoof, Frank Edward	Bus		* † LaGrange
Schooley, Clark H	Jnl		* † Effingham
Schoonover, Helen Nancy	LAS	62	* † Argos, Indiana
Schoppe, Loren	CCS	9	* † Carlinville
Schott, Herbert Francis	Bus	67	* † Quincy
Schott, Theodore Carl	Bus		* † Quincy
Schouten, William Adelbert	Bus	19½	* † Charleston
Schowengerdt, William H	PreM	30	* † Champaign
Schrader, Frances Marion	LAS	68	* † Bridgeport
Schrader, John Paul	EE		* † Clifton
Schrader, Paul C	Agr	60½	* † Bridgeport
Schrader, Wendell Herbert	Agr		* † Bridgeport
Schramm, Robert Glenn	CE		* † Rushville
Schranz, George Werner	SS		* † Warrenton, Missouri
Schreiber, Charles Arthur	Law		* † Chicago
Schreiner, Herbert Werner	Bus	67	* † Riser Forest
Schrepfer, Frank Andrew	LG unc	48	* † Los Angeles, California
Schriber, Garreta	LAS		* † Urbana
Schriner, Emma Ellen	SS	52½	* † Champaign
Schroeder, Amanda Marie	LAS		* † Thomasboro
Schroeder, Carl Joseph	ME		* † Chicago
Schroeder, George Chriss	CerE	103	* † Chicago
Schroeder, Herbert Spencer	CerE (SS)	35	* † Chicago
Schroeder, Orville Henry	SS	81½	* † Minier
Schroeder, Theodore William	CE	73	* † Kankakee
Schroeder, Wilbur Louis	Accy	31	* † Evansville, Indiana
Schroeder, William Edward, Jr.	ME	35	* † Chicago
Schroll, Lester	SS	9	* † Aledo
Schroth, Eugene Howard	AC		* † Champaign
Schuller, Edna Wallace	LAS		* † Chicago
Schultz, Chester Charles	CE		* † Chicago
Schultes, Armin Meyer	CE	35	* † St. Louis, Missouri
Schultz, Alfred Frank	Agr (SS)	39	* † Geneseo
Schultz, Emil George	Agr (SS)	68	* † Geneseo
Schultz, Frank Arthur	SS	147	* † Bloomington
Schultz, Frank Riffle	SS	5½	* † Wingate, Indiana
Schultz, Harry Ralph	Bus	84	* † Chicago
Schultz, Mary Louise	SS	76	* † Monticello
Schultz, Norma Amelia	Bus	66½	* † Danville
Schulz, Alexander Henry Godfrey	LAS		* † Urbana
Schulze, Emory Martin	Law	30	* † Kankakee
Schumacher, John Henry	Bus	68	* † LeRoy
Schuman, Shephard	Bus		* † Chicago
Schuppert, Harold John	LAS	66½	* † Macomb

Schuppert, Leonore Kathryn, B.S., 1922	Lib	32	* † Macomb
Schur, Bernice Caroline	LAS	11	* † Kenilworth
Schureman, Jean Luther, B.S., 1923	SS		* † Oak Park
Schuts, Romola Lucille	LAS	21½	* † Chicago
Schwab, Louis	Mus	45	* † Homewood
Schwartz, Bernece	Bus		* † Eldorado
Schwartz, Gladys Clara	HELAS	49	* † Carpentersville
Schwartz, Mildred Anastasia	Bus (SS)	81	* † Champaign
Schwartz, Milton Henry	Bus	40½	* † Chicago
Schwartz, Charles	LAS	15	* † Chicago
Schwartz, Clarence	EE		* † Shumway
Schwartz, Nona Margaret	HELAS	35	* † Chicago
Schwarzwalder, Bloice M	Bus	61	* † Chatsworth
Schwebel, Dorothy Mae	LAS	66	* † Terre Haute, Indiana
Schwemm, Earl Meyer	Accy	99	* † Barrington
Schwemm, Ruth Lydia	LAS	33	* † Barrington
Schwengel, Alvin August	SS	3½	* † Elberfeld, Indiana
Schwing, Alfred William	AC	36	* † Peoria
Scotfield, Charles James, Jr.	PreL	45½	* † Chicago
Scotfield, Timothy Clingan	Bus		* † Chicago
Scott, Charles Earl	LAS	11	* † St. Louis, Missouri
Scott, Eleanor Elizabeth	Ed (SS)	99½	* † Champaign
Scott, Ellen Margery	HEAgr unc (SS)	3	* † Elburn
Scott, Estella Bertha	SS	24	* † New Orleans, Louisiana
Scott, Eula	SS		* † Philo
Scott, Helen Mildred	LAS	77½	* † Colfax
Scott, Herschel Newton, A.B., 1923	SS		* † Raymond
Scott, James Harvey	Accy (SS)	88½	* † Peoria
Scott, James Robert	ME	107	* † Champaign
Scott, John B, Jr.	Accy		* † Cherokee, Iowa
Scott, Joseph Thomas	Bus	33	* † Grayville
Scott, Mary Luetta	LAS		* † Urbana
Scott, Merton Samuel	Jnl		* † Oak Park
Scott, Ned	AE	32	* † Monmouth
Scott, Paul Ashley	PreL	33½	* † Chicago
Scott, Sempie Stillman, Jr.	Bus	31½	* † Chicago
Scranton, Norman Amos	ME		* † Mt. Zion
Scudder, George Marsh	AE	108	* † Sioux Falls, South Dakota
Souderl, Carlo Salvatore	PreM	34	* † Chicago
Seabert, Edna Maude	Mus	31	* † Dwight
Seaman, Alice Liela	HELAS	24	* † Chicago
Seaman, George James	Bus	45	* † Chicago
Seaman, Hazel Golda	Accy		* † Davenport, Iowa
Seaman, John Thomas	EE	97	* † Chicago
Seaman, Robert William	LAS (SS)	86½	* † Kansas City, Missouri
Seaman, Ruth Geraldine	LAS	33	* † Joliet
Sears, Burton Hale	LAS	89	* † Oak Park
Sears, Mary Rebecca	Agr	33	* † Atkinson
Seaton, Don Cashins	AC	84	* † El Paso
Seaton, Floyd Melville	Bank	66	* † Morrisonville
Seawell, Cornelia Ruth	SS	16½	* † Greenville
Secor, Blanche L	Ed (SS)	103	* † Sparta
Seddon, Alice Gladys	Bus (SS)	92	* † Chicago
Sedwick, Clifford Harry	EE		* † Downers Grove
Seed, Manice	LAS	68	* † Bridgeport
Seed, Martin Cox	LAS		* † Bridgeport
Seed, Pauline Gillespie	Mus		* † Urbana
Seed, Verl Rue, A.B., B.S., 1923	Law (SS)		* † Urbana
Seekamp, Arthur W	Bus	90½	* † Oak Park
Seelig, Max Arthur	Bus		* † Princeton
Seepe, Richard Albert	ME	71	* † Peru
Seepe, Robert Munger	IA	71	* † Peru
Seger, Joe Lilburne	Bus		* † Tulsa, Oklahoma
Segor, Louis Kenneth	Bus		* † Watseka
Seidel, Carl Fisher	Bus	24	* † Menominee, Michigan
Siedel, Julius Jacob	MinE	37	* † Chicago
Seifer, Bernard	Bus	66	* † Chicago Heights
Seil, Manning David	Jnl	53	* † Champaign
Seipp, Geraldine	LAS	68	* † Chicago
Seipp, Maude Louise	LAS		* † Chicago
Seiter, Victor Carl	Bank	63	* † Logansport
Seitz, Harry William	SS	105	* † Henry
Sekera, Frank Albert	Bus	16	* † Chicago
Sekera, George Frank	Bus	16	* † Chicago
Selecman, Harold	LAS	60	* † Wilmette
Sell, Marshall E	Bus	2	* † LaGrange
Semple, Sadie Elizabeth	SS	12	* † West Liberty
Senft, Emily	Bus	101	* † Berwyn
Seng, Francis Arthur	LAS	44½	* † Wilmette
Seng, Raymond Anthony	LAS	68	* † Chicago
Senn, John	LAS		* † Macomb
Serblin, Michael	CerE		* † Chicago
Seright, Thomas Clinton	PreM	10½	* † Chatsworth
Serpico, Frank Joseph	Arch	73	* † Chicago
Setinsky, Jerry Henry	MinE	127	* † Onarga
Setsekorn, Anna May	SS	13	* † Mt. Vernon

Severance, Deane Carlisle	SS	128	Milwaukee, Wisconsin
Seward, John Harold	Agr	95	* † Raymond
Seward, Lawrence W	Accy	57	* † Urbana
Sexauer, Esther Marie	Jnl	121	* † Belvidere
Sexton, Meta Maria, A.B., A.M., 1920, 1921	Lib		* † Champaign
Seyller, Kennard Burdett	Ed	60	* † Prophetstown
Seymour, Bernays Dixon	Bank	67	* † Hillsboro
Seymour, Glen Huron	LAS (SS)	97½	* † Urbana
Seymour, Guy Emil	PreM	29	* † Urbana
Seymour, Robert John	Eng (SS)	112	* † Chicago
Shadel, Helen Sophia	SS		* † Pittsfield
Shadoan, William Parker	SS	3½	* † Somerset, Kentucky
Shaffer, Francis Miller	AC	60	* † Pleasant Plains
Shaffer, Gertrude Violet	LAS	66	* † Maywood
Shafon, Arthur Louis	LAS	34½	* † Chicago
Shafon, Hazel Hannah	LAS	65	* † Chicago
Shafon, Lester	CL	68	* † Chicago
Shah, Chandovial Nauchand	Chem (SS)	125	* † Sarbhon, India
Shamel, John Hayden	LAS		* † Gibson City
Shanshan, George	CE		* † Gillespie
Shanshan, Paul Ellis	EE		* † Mt. Vernon
Shand, Wilbur Claire	Chem		* † Riverside
Shaner, Herbert Jewel	ME	108	* † Stockton
Shanks, Thomas Kennedy	CE	96	* † Chicago
Shanle, Charles Henry	Bus		* † Cornland
Shantz, Florence	SS	8	* † Rock Island
Shapiro, Miriam	Jnl	22	* † Chicago
Shapiro, Morry	AE		* † Chicago
Shapiro, Rebecca	LAS	69	* † Chicago
Shapiro, Sam	Bus (SS)	118½	* † Chicago
Sharman, Myrtle Victoria	LAS	80	* † Chicago
Sharp, Francis Wayne	LAS	49	* † Mendota
Sharp, Harold Nash	Agr	65	* † Elburn
Sharp, Harold Sewell	SS	2	* † Waleska, Georgia
Sharp, Philip Hedden	CE		* † Urbana
Sharts, Harold Arthur	Bus		* † Logansport, Indiana
Shatiko, Basil Andreiwitch	Agr	98½	* † East Lansing, Michigan
Shaw, Dorothy Elizabeth	LAS		* † Decatur
Shaw, Eleanor Ann	HELAS		* † Decatur
Shaw, Harry Evans	Ed (SS)	96	* † Champaign
Shaw, John Aerial	IA	33	* † Rockford
Shaw, John Leland	Accy	65	* † Mattoon
Shaw, Maurice Maceo	LAS		* † Chicago
Shaw, Robert Enos	Bus	16	* † Chicago
Shaw, Ward Ellis	Bus	28	* † Champaign
Shawcross, Dorothy Winifred	LAS	3	* † Belvidere
Shawl, Harold Bennett	Agr unc	90	* † Ohio
Shawl, Ray Iris, B.S., M.S., 1916, 1919	Mus irr		* † Princeton
Shea, Margaret	HELAS	32	* † Terre Haute, Indiana
Shea, Walter Cyril	PreL	23½	* † Memphis
Sheadle, Roland Robert	Bus	67	* † Rochelle
Sheehan, Edward Daniel	EE	96½	* † Chicago
Sheehan, Oneida	LAS		* † Champaign
Sheehy, Lawrence Walter	RME	90½	* † Chicago
Sheets, Haven McKendree, B.S., 1917	SS		* † Potomac
Sheets, Ralph Clayton	LAS	25½	* † Oblong
Sheets, Virginia Alice	LAS		* † Danville
Shelby, Herbert Alvin	Bus		* † Sidney
Shelby, Howard Joseph	Bus		* † Sidney
Sheldon, Jay Hadley	AC	49	* † Grand Rapids, Michigan
Sheldon, Leo Cutler	Bus	63	* † River Forest
Sheldon, William Johnstone, Jr.	LAS		* † River Forest
Shelton, John H	SS		* † Brownwood, Texas
Shelton, Robert Horace	SS		* † Dripping Springs, Texas
Shenck, Paul Albert, Jr.	LAS	129	* † Canton
Shepard, Joseph Kenneth	Jnl	67	* † Indianapolis, Indiana
Shepardson, Frances	LAS	3	* † Earlville
Shepherd, George Russell	PreM	53	* † Alton
Shepherd, Roscoe Lester	Accy unc (SS)	65	* † Danville
Shepherd, William Emery	LAS	98	* † Michigan City, Indiana
Shepler, Melba Meryl	LAS (SS)	97	* † Georgetown
Sher, Helen Ruth	Mus	31	* † Chicago Heights
Shere, Nelson Houston	Jnl (SS)	32	* † Carmi
Shererz, Everett Lorren	CE	122½	* † Marion
Shermak, Albert	Law	65	* † Chicago
Sherman, Charles Lawrence	LAS		* † Springfield
Sherman, Dorothy	LAS		* † Chicago
Sherman, Gerald Wilfred	IA	99	* † Chicago
Sherman, John Mears	LAS		* † Urbana
Sherman, Sara	LAS	67	* † Des Moines, Iowa
Sherman, William Sidney	IA (SS)	75	* † Oak Park
Sherrard, Charles Francis	PreM	60½	* † Ladd
Sherrill, Lynden Byron	SS	8	* † Port Arthur, Texas
Sherwood, Maurine R	Ed	60	* † Terre Haute, Indiana
Shiao, Lian Po	SS	150	* † Peking, China
Shields, Bert	LAS		* † Quincy

Shields, Everett	Bank		† Clarkedale, Mississippi
Shields, Nettie Pauline	LAS	34	* † Champaign
Shimberg, Dorothy Grace	LAS		† Chicago
Shimmin, John Edward	Bus		* † Chicago
Shinker, Florence Atha	SS	8	† Ludlow
Shinkle, Carroll Arnold	Accy	70	* † Ellsworth
Shinn, Byron M	LAS (SS)	115	* † Iola, Kansas
Shinn, Winifred Caroline	LAS	51	* † Chicago
Shipley, Morris Leslie	PreM	13½	* † Paris
Shipley, Wendell Watson	ME	150	* † Martinsville, Indiana
Shipley, William Winston	LAS	28	* † Savanna
Shipman, Alice Rebecca	LAS		* † Kenilworth
Shipman, George Elias, Jr.	Eng	78	* † Kenilworth
Shirliffe, Harold Arnold	EE		* † Chicago
Shirkliff, Robert Sherman	ChE		* † Robinson
Shirley, Joseph Boomer	Agr		* † Chicago
Shirley, Olan Jefferson	Accy		* † Benton
Shively, Bernie	AC		* † Oliver
Shively, Evert Kenneth	EE	96	* † Kansas City, Missouri
Shively, Sarah Elizabeth	LAS	60	* † Decatur
Shoaff, Edgar Alan	Jnl		* † Paris
Shockley, Charles McClurg	Accy	68	* † Decatur
Shocraft, Robert L	Bus		* † Erie
Shoemaker, Fred Raphael	ME	124	† Jacksonville
Shoemaker, Ralph Lee	AC	31	† Lawrence, Indiana
Shoger, Howard George	Agr	23	* † Aurora
Shols, Erasmus Franklin	ME	47	* † Chatsworth
Shols, William Theodore	EE	140½	* † Chatsworth
Shoop, Edwin Perrill	LAS	100	* † Washington Court House, Ohio
Shoot, Tilford Taylor	Agr (SS)	112	* † Charleston
Shopen, Kenneth George	LAS (SS)	66	* † Elgin
Shoppert, Lawrence Joseph	Bank		* † Chicago
Short, Cleo Carolyn	LAS	33	* † Plymouth
Short, Edna Felicia	LAS	64	* † Champaign
Short, Ruth Anna	HELAS	44½	* † Champaign
Shots, Morris Joseph	Accy		† Chicago
Shoup, Genevieve Maurine	Bus		* † Oak Park
Shouse, Helen Lucile	HEAgr		* † Urbana
Showalter, Arthur J B	Law	23	* † Pekin
Showerman, Irving Edward, B.S., 1923	SS		† Niles, Michigan
Shrout, Jesse Bradley	LAS unc (SS)	67	* † Stonington
Shryock, Burnett Henry	LAS	95	* † Carbondale
Shults, Frances	LAS unc		* † Shirley
Shupp, Walter Lee	SS	8½	† Cleveland, Ohio
Shurts, Ted Marcus	Agr	18	* † Urbana
Shute, Alfred James	ME	63½	* † Chicago
Shutt, Viva Gladys	PreM	28	* † Champaign
Shuttleworth, Parnell Quincy	SS	143	† Idaho Falls, Ohio
Shutts, Glenn Bush	EE		* † Joliet
Sibley, Elba	Agr (SS)	70½	* † Beecreek
Sick, Vernon	EE		* † Waukegan
Sideman, Abner	Law	66	* † Chicago
Sideman, Julius	PreL		* † Chicago
Sider, Esther	Bus		* † Sheldon
Siebel, Frederick Peter, Jr.	ChE	124½	* † Chicago
Siegal, Henry Abraham	PreM		* † Chicago
Siegal, Irving	PreL		* † Chicago
Siemens, Katherine Louise	LAS		* † Kansas City, Missouri
Sigal, Isadore Carl	CL		* † Chicago
Sigler, Gladys Louise, A.B., 1921	Lib	31	* † Cortland, Ohio
Sigley, Estella May	SS	67½	† Havana
Sikorski, Pauline Gertrude	Mus		* † Mt. Vernon
Silkey, Mary La Vaughn	LAS	31	* † Ogden
Silver, Mary Ethel	SHHEEd (SS)	67	* † Urbana
Silverman, Harold Edward	PreM	29	* † Chicago
Silverstein, Louis Henrod	IA	112½	* † Chicago
Sim, James Taylor Robertson	Agr	112	* † Port Elizabeth, South Africa
Sim, Sin Yung	ChE (SS)	32	* † Batavia, Java
Simer, Stafford Lane	SS	16	* † Monticello
Simkus, Causty	Bus	30	* † Benld
Simmering, Wilfred George	Bus		* † Peoria
Simmons, Daniel A	PreM	35	* † Mt. Vernon
Simmons, George Edward	LAS	27½	* † Elmhurst
Simmons, Lee	SS	8	* † Payson, Utah
Simmons, Percy Nicholas	EE		* † Sardis, Mississippi
Simmons, Russell Earl	Accy	65	* † Moline
Simmons, Waldo Emerson	Bus (SS)	96½	* † Urbana
Simmons, Walter Wallace	Bus (SS)	99½	* † Urbana
Simon, Joseph Vachov	AC		* † Chicago
Simonich, Louis James	EE	96½	* † Joliet
Simons, Glen Lyle	ME	87½	* † Sparta, Michigan
Simonson, Emmons Richard	Bus		* † Chicago
Simonson, Hymen F	Agr	60	* † Chicago
Simpson, Dalbert	Bus		* † Chicago
Simpson, James Stanley	Agr	33	* † Allona
Simpson, John Ralph	EE	94	* † Benton

Simpson, Luella Marie	LAS		* Urbana
Simpson, Roy Earn	SS	25½	* Rushville
Simpson, Roy Leon	Bus	95	* Taylorville
Sims, Delbert Edward	SS	99½	* Newton
Sims, Lillian Caroline	Mus unc		* Urbana
Sims, Lora Madelin	Mus		* Irving
Simson, Gladys Fay	LAS	62	* Kansas City, Missouri
Sinclair, Charles Abram, Jr.	Bus	56	* Litchfield
Sinclair, Dorothy Ruth	LAS	34	* Danville
Sinclair, Merrill Morgan	Bus		* Dundee
Singer, Morse Beryl	ChE		* Urbana
Singer, Raymond Barker	AC	103½	* Urbana
Singer, Robert L	Bus	85½	* Chicago
Singleton, Beulah	LAS		* Buckley
Singmaster, Margaret	LAS	16	* Keota, Iowa
Sipe, Mildred Anne	HELAS		* Pontiac
Sipfl, William Reginald	CE	68	* Pekin
Sissinan, Dorothy Victoria	LAS		* Chicago
Sites, Alice Mildred	LAS		* Watseka
Sittig, John Franz	Bus		* Chicago
Sittner, Alice	LAS	62	* Chicago
Sivwright, Florence Edith	LAS	12	* Sycamore
Sizer, Albert Dann	Agr (SS)	92½	* Champaign
Skadden, Harry Wayne	AC		* Danville
Skehan, Kathryn	LAS	32	* LaGrange
Skelton, Arthur	Bus	43	* Urbana
Skelton, Bradford	EE	20	* Urbana
Skemp, Elizabeth Widler	LAS unc	106	* Douglas, Arizona
Skinner, Lloyd R.	SS		* Burnside
Skinner, Sara Parks	HELAS (SS)	42	* DuQuoin
Sklovsky, Ira Doekart	ME	80	* Moline
Skoglund, Reuben Adolphus, B.S., 1920	Law		* Red Wing, Minnesota
Slaney, Bertram C	Eng		* Chicago
Slater, Dean	Bus		* Hindsboro
Slater, John William	Bus	49	* Marion
Slattery, Beatrice Mary	HELAS	63	* St. Louis, Missouri
Slaven, Ralph Burton	Bus		* Washington, Indiana
Slaymaker, Harry Scott	AC	111½	* Kansas City, Missouri
Sleer, John Alden	RA	60	* LaCrosse, Wisconsin
Slepicka, Frank Joseph	PreM		* Chicago
Slimmer, Louis Frederick	AC	69	* Millsville, New Jersey
Slimpert, George Henry	Agr	131½	* Metropolis
Sloan, Herbert John	Agr	32	* Urbana
Slow, John Ralph	PreM	69	* Eldorado
Slow, Lura Ellen	LAS		* Eldorado
Slutsky, Max	CE	64	* Chicago
Slygh, Fred	PreM	31	* Toulon
Small, Clair Staley	SS	8	* Joy
Small, John Clifford	Agr (SS)	121½	* Galatia
Smallley, Agnes Esther, A.B., 1922	Lit	24	* Carlinville
Smallwood, Sister Gertrude Mary	SS	23½	* Springfield
Smallwood, Glenn S	CerE	145	* Decatur
Smedley, Delmar W	Jnl		* Waverly
Smedley, Robert Clark	PreM	33	* Alhambra, California
Smejkal, Edna	HELAS	31	* Chicago
Smejkal, Helen Bessie	HELAS	89	* Chicago
Smiley, James Harold	Bus (SS)	10	* Champaign
Smiley, Lawrence R	Bus		* Champaign
Smith, Agnes Irene	Ed (SS)	118½	* Marshall
Smith, Albert Ray	LAS unc		* Champaign
Smith, Alfred Dewitt	SS	8½	* Thornstown, Indiana
Smith, Alice Amanda	LAS	103	* Champaign
Smith, Arthur Frederick	AC		* Ford City, Missouri
Smith, Arthur Raymond	Agr		* Marcel, Colorado
Smith, Barbara Egan	LAS	65	* Chapin
Smith, Bernard Presley	Bus	32½	* Terre Haute, Indiana
Smith, Bert C	SS		* Pawnee Rock, Kansas
Smith, Bryan Waldo	Agr (SS)	98	* Freeburg
Smith, Byron Bayard, Jr.	LAS	33	* Wilmette
Smith, Carleton Rotramel	LAS (SS)	25	* Browns
Smith, Charles Wilson	SS	27½	* Urbana
Smith, Chester Olephant	Bus		* River Forest
Smith, Clarence Theron	Law	22	* Urbana
Smith, Clarmyra	Agr	17	* Chicago
Smith, Clyde Drumie	RA		* Belle Rive
Smith, Curtis Ulysses	ME	66	* Kankakee
Smith, David Galbraith	Agr	92½	* Carthage
Smith, Dorothy Elizabeth	LAS	66	* Tuscola
Smith, Dorothy Ruth	LAS	99	* Rantoul
Smith, Earl Gates	Bus	80	* Alden
Smith, Earl Young	Agr		* Vienna
Smith, Edna Ruth	SS	11	* Centralia
Smith, Edwin Dow	SS	5½	* Nebraska City, Nebraska
Smith, Effie Blanche	LAS		* Champaign
Smith, Elliott Vantine	Chem	31	* Chicago
Smith, Elmon Leo	Bus	108½	* Mattoon

Smith, Eldson Coles	Law	8	* † Virginia
Smith, Emily Helen	LAS	61	* † Oak Park
Smith, Emma Charlotte	LAS	103	* † Murphysboro
Smith, Frank	Bus	35	* † Sheller
Smith, George Robert	LAS	28	* † Joliet
Smith, Gertrude Katherine	LAS	68½	* † Terre Haute, Indiana
Smith, Gilbert Lee	MinE	116	* † Urbana
Smith, Glenn	SS		* † Monmouth
Smith, Halbert Calvin	Agr (SS)	93	* † Evanston
Smith, Harold Colby	CE		* † Clifton
Smith, Herbert Homer	LAS		* † Champaign
Smith, Howard Agnew	Eng		* † Topeka, Kansas
Smith, Howard Hill	EE	110½	* † Evanston
Smith, Howard William	Eng	66	* † Chicago
Smith, Irene	SS	6	* † Collinsville
Smith, James Beattie	CCS	17	* † Urbana
Smith, James Clark	Law		* † Chicago
Smith, James Harold	ME	37	* † Chicago
Smith, Johannes	Bus		* † Chicago
Smith, John Hebra	Agr	64	* † Hull
Smith, John Wesley	EE	106	* † LeRoy
Smith, Joseph Frank	SS	8½	* † Chicago
Smith, Kenneth John	PreM		* † Blue Island
Smith, Kenneth Leslie	SS	143	* † Aurora, Indiana
Smith, Lawrence	AC		* † Edwardsport, Indiana
Smith, Lee Otis	SS	8	* † Nebraska City, Nebraska
Smith, Leighton Charles	Bus	62	* † Mt. Carroll
Smith, LeRoy	Bus		* † Chicago
Smith, Leslie Denzil	SS	102	* † Oakwood
Smith, Lilly Irma	HELAS		* † Urbana
Smith, Lloyd Lorenzo	SS	163	* † McComb, Mississippi
Smith, Lois Eva	SS		* † Pawnee Rock, Kansas
Smith, Margaret Estelle	LAS	33	* † Urbana
Smith, Marguerite	LAS (SS)	66	* † Urbana
Smith, Marguerite Alverda	LAS		* † Hoopeson
Smith, Marie Elizabeth	Jnl		* † Peoria
Smith, Marion Cole	Jnl		* † Madison
Smith, Marjorie Hutchens	LAS	29	* † Park Ridge
Smith, Marshall Edward	AC	37	* † Chicago
Smith, Mrs. Martha E	SS	8	* † Oblong
Smith, Mary Margaret	LAS	22	* † Urbana
Smith, May	Ed	93	* † Urbana
Smith, Merle Harold	LAS		* † Geneva
Smith, Myrtle Venis	SS	14½	* † Farina
Smith, Ormond Thomas	Bus		* † Kewanee
Smith, Oscar Byron	Agr	127	* † Broadlands
Smith, Otto Rowland	FC	41	* † Clayton
Smith, Paul Caswell	Eng		* † Aurora
Smith, Peyton Wemyss	AE	127	* † Monrovia, California
Smith, Raymond Francis	AE	112½	* † Pekin
Smith, Richard Knowles	Agr		* † Osco
Smith, Riva Vinita	LAS	94	* † Virginia
Smith, Robert Alfred	Agr	104	* † Ashmore
Smith, Roland Theodore	Agr		* † Urbana
Smith, Roland Wesley	Bus	95	* † Chicago
Smith, Roy Welbern	FC	64	* † Grayville
Smith, Russell Wilson	SS	130	* † Marvel, Colorado
Smith, Silas Roscoe	SS	6	* † Yoder, Indiana
Smith, Vance Marlin	EE	53	* † Virginia
Smith, Vance Olephant	Bus	30	* † Vincennes, Indiana
Smith, Walter Marvin	Bus	6	* † Belvidere
Smith, Walter Nelson	Ed	81	* † New Canton
Smith, Wendell Nichols	Agr		* † Yorkville
Smith, William Calvin	HEAgr		* † Mt. Carmel
Smith, William Glenn	Accy	67	* † Oglesby
Smith, William Hassett	EE	30	* † White Heath
Smith, William Thompson, Jr.	LAS (SS)	97	* † St. Louis, Missouri
Smith, Wilma Virginia	Mus		* † Champaign
Smithfield, Ervin O	CE		* † Evansville, Indiana
Smock, Mary Virginia	LAS	69	* † Park Ridge
Smoot, Catherine Elizabeth	LAS		* † Homer
Smothers, Charles Washington	PreM	38	* † Champaign
Smuczynski, Joseph Edward	Accy	64	* † Harvey
Smurr, Harriet Cecelia	Jnl	40	* † Oak Park
Smyth, Earle Kimberley	CE		* † Princeton
Smyth, James Kenneth	Bus	39½	* † Chicago
Smythe, Carl Vincent	PreM	32	* † Stockton
Smythe, Virginia Evelyn	Mus		* † Chicago
Snader, Harold Hamilton	ME	27	* † Oak Park
Snedaker, Daniel Clement	SS	7½	* † Saunemin
Sneed, George Melvin	LAS	11½	* † Columbia, Missouri
Sneed, James	LAS		* † Columbia, Missouri
Snell, Fred	Bus		* † Logansport, Indiana
Snell, Manning Andrew	Bus	31	* † Oak Park
Snideman, Mary Virginia	LAS	32	* † Wabash, Indiana
Snider, Esther	CT	66½	* † Danville

Snider, Sister Mary Florence	SS	7	* † San Bernardino, California
Snider, Hiram Francis	LAS		* † St. Louis, Missouri
Snively, John Rowe, A.B., LL.B., 1921, 1923	SS		
Snodgrass, Harry William	Ag	103	* † Lanark
Snodgrass, Mary Helena	LG	82	* † Geneseo
Snow, Robert Adrian	Bus	203½	* † Camagrey, Cuba
Snyder, Carl Huston	Bus	106	* † Chicago
Snyder, Dolores Pearl	LAS		* † Neoga
Snyder, Earl Manning	Bus	67	* † Champaign
Snyder, Elizabeth Aileen	LAS	63	* † Indianola
Snyder, Fred Samuel	Ag	32	* † Mattoon
Snyder, Gerald Curlee	LAS	69	* † Georgetown
Snyder, Lois Mazelle	Bus	66	* † Chicago
Snyder, Mary Edna	HELAS	44	* † Urbana
Snyder, Maurice	PreM	49	* † Neoga
Snyder, Mildred Eicel	HEAg		* † Wichita, Kansas
Snyder, Nathan Claude	PreL	31½	* † Indianola
Snyder, Ruth Geraldine	LAS	31	* † Sparta, Michigan
Sobel, Herbert	Arch	86	* † Urbana
Sobota, Erich Max	EE	39	* † Chicago
Soga, Suseinin	CE		* † Dallas, Texas
Sogolow, Morris Harris	AC (SS)	108	* † Kochi-kei, Japan
Soliday, Harold	EE		* † Omaha, Nebraska
Solliday, Deborah Wilda	HELAS	543½	* † Wood River
Solodoff, Nick Alexander	ME (SS)	86	* † Urbana
Solomon, Alice	PreL		* † Urbana
Solomon, Benjamin Robert	LAS	7	* † Chicago
Solomon, Raymond Jack	EE		* † Chicago
Solon, James Aloysius	PreL		* † Champaign
Solon, John Bernard	PreL		* † Champaign
Somers, Harry Kerr	EE	43	* † Champaign
Somers, Helen Frances	HELAS	71½	* † Urbana
Somers, John Courtney	Bus		* † Danville
Somers, Lee Adrian	Ag	63	* † Urbana
Somers, William Frank	ME	52	* † Rockford
Sommer, Paul Nathaniel	Bus (SS)	108	* † Former City
Sommerfeld, Else Ida Christine	PreL		* † Forest Park
Soneson, Phillip Ervin	AE	36	* † Danville
Sorensen, Donald Carr	PreM	16	* † Chicago
Sorgatz, William David	Arch	143	* † Concordia, Kansas
Soriano, Florentino	Bank		* † Ilog, Philippine Islands
Sorsen, Carl S	Bus		* † Chicago
Sostrin, Morris	Law	44½	* † Maywood
Souder, Robert Hall	Bus		* † Champaign
Soughers, Robert Philip	LAS	41½	* † Urbana
Soukup, Roy	ChE	109	* † Cicero
Soutar, Robert	IA	98	* † Chicago
South, Belle Vina	LAS unc (SS)	9	* † Hammond
South, William Augustus	Accy (SS)	101½	* † Hammond
Southworth, Russell Eugene	AC		* † Sparta
Soward, Vera	LAS		* † Philo
Sowards, James Monroe, Jr.	AC	8½	* † Pine Bluff, Arkansas
Sowers, Nelson Everett	EPH	114	* † Greenville, Mississippi
Sowler, Helen Margaret	LAS	16	* † Chicago
Spal, Edward Charles	ME	100	* † Chicago
Sparks, Edgar Wayne	CerE		* † Connersville, Indiana
Sparks, Norma Kathryn	LAS	31	* † Lincoln
Speakman, Chester Darlington	Bus		* † Oak Park
Speakman, John William	Law (SS)	86½	* † Champaign
Spear, Samuel Horace	Bus	115	* † Chicago
Spears, Russell Wellington	SS	22½	* † Huntington, West Virginia
Specht, Florence Luella	LAS	49	* † Chicago
Speck, Amos Reuben	Ag	25	* † Pleasant Plains
Specter, David	PreL		* † Chicago
Spector, Bernard Charles	Accy unc	17½	* † Chicago
Speer, John Addison	PreL		* † Apple River
Speers, James Howard	Bus		* † Odell
Spelman, Archibald Edwards	PreM (SS)	55	* † Olney
Spence, Harry Metcalfe	PreM		* † San Angelo, Texas
Spence, LeRoy	Chem	97½	* † Peru
Spence, Lloyd William	AC	69	* † LaCrosse, Wisconsin
Spencer, Claude Elbert	SS	15	* † Kahoka, Missouri
Spencer, Earl	Bus		* † Carmi
Spencer, Egbert Gerald	AE (SS)	90	* † Rushville
Spencer, Lera Margaret	Mus	35	* † Salem
Spencer, Lois Margaret	LAS	102	* † Robinson
Spencer, Sister Mary Louise	SS	34½	* † Chicago
Spencer, Virginia Goodwin	Ed (SS)	95	* † Kaneville
Sperling, Frieda	HELAS (SS)	71	* † Urbana
Sperling, Lois	LAS		* † Urbana
Sperling, Ruth Esther	LAS	31	* † Urbana
Spero, Nathan Sidney	Bus	44	* † Waukegan
Sperry, Clarence Edgar	RME	17	* † Alton
Sperry, Gladys Marie	HELAS	64	* † Urbana
Sperry, Lyman Bell	LAS		* † Chicago

Spiker, Pierpont Potter	Bus	90	* † Atlanta, Georgia
Spinell, Harry	IA (SS)	108	* † Kansas City, Missouri
Spinell, Rose Elburn	LAS	100	* † Kansas City, Missouri
Spira, Bertram	PreL		* † Chicago
Spiro, Ralph Herbert	Bus	60	* † Chicago
Spooner, Janet Brainard	HELAS		* † Chicago
Spoor, Harry Charles, Jr.	LAS	32	* † Urbana
Sporleder, Anna Lori	LAS		* † Urbana
Spragg, Avis Blanche	SS	8½	Gillespie
Sprague, Arthur William	Law	30	* † Los Angeles, California
Sprague, Mildred Blanche	LAS	101	* † Joliet
Spratt, Clara Myrtle	LAS		* † Sheffield
Spreyne, Charlotte Helene	LAS	17	* † Chicago
Sproull, Marie Louise	HELAS		* † Mazon
Spurlock, William Roy	IA	99	* † Huntingburg, Indiana
Spurry, Arthur Alonzo	EE		* † Clarksdale, Mississippi
Squires, Meredith	CE		* † Casey
Strout, Hester Dorothy	LAS	102	* † Pontiac
Stabenow, Mildred Wilhelmina	LAS		* † Culver, Indiana
Stachel, Lad Peter	Flor	10½	* † Glencoe
Stackurski, Stephen W	Arch		* † Chicago
Stadnichenko, Marie Maximovna, A.B., 1923	SS		* † Vladivostok, Russia
Stafford, Marcia Lois	Mus		* † Chicago
Stafford, Robert Bernard	Bus	10	* † Alton
Stafford, Walter Rearick	EE	37	* † Alton
Stahl, Chouteau Platt	EE	102½	* † Chicago
Stahl, Erwin Frederick	Eng	35	* † Riverside
Stahl, Floyd Shafter	AC	26	* † Grover Hill, Ohio
Stahl, Samuel Thomas	Bus	36	* † Chicago
Staley, Percy A	PreM	33	* † Kansas City, Missouri
Staley, Wayne Daniel	ChE	71	* † Urbana
Stallmann, Milton Edmund	ME		* † Aurora
Stamper, Harry Evan	Bus	35	* † Benton
Stanberry, Russell Alva	Accy	67	* † Charleston
Stanford, Clark Franklin	Agr	105	* † Forrest
Stanger, LeRoy Armour	CE	45½	* † Bloomington
Stanger, Paul Carl	AC	58	* † Elmhurst
Stangle, Solomon	Bus	33	* † Chicago
Stankiewicz, Eugene Joseph	ME		* † Chicago
Stanley, Katherine Kemp	HELAS	97	* † Decatur
Stanley, Ruth Elizabeth	Bus	32	* † Chicago
Stansfield, Frank Akin	SS	9½	Lawrenceville
Stansfield, John William	Agr	65	* † Lawrenceville
Stansil, William David	Bus		* † Mt. Carmel
Star, Jack Irving	Accy	40	* † Chicago
Stark, Elizabeth	LAS	65	* † Urbana
Stark, Elmer Paul	EPh	16½	* † Chicago
Stark, Hugo Julius	CE	32	* † Chicago
Stark, John Wayne	SS	94	Nebo
Starr, Donald A	CL		* † Champaign
Starr, Howard De Lacy	Accy (SS)	97½	* † Champaign
Starrett, Lester Louis	Bus	67	* † Peoria
Stateler, Charles Burton	SS	8½	Varna
Stateler, Ozell Trask, B.S., 1921	SS		Varna
Stauder, Arthur Oscar	Eng (SS)	37	* † Chicago
Stauss, Raymond Oliver	Eng	98½	* † Murdock, Nebraska
Stead, George Albert	LAS	101	* † Griggsville
Stead, Olin Walter	AC		* † Farmersville
Stearn, Joseph Bertram	Bank	99	* † Chicago
Stearns, Harry Clinton	Eng	35	* † Maywood
Stearns, Torrey Benjamin	LAS (SS)	95	* † Chicago
Steel, Allan H	Bus		* † Monticello
Steele, Mildred Christine	SS		Clinton, Alabama
Steely, John Darrough	IA	70	* † Danville
Stefanoff, Nenko	RME	112½	* † Gary, Indiana
Steffa, Walter Clyde, Jr.	Agr	64	* † Chicago
Steffen, Walter Arthur	SS	8½	Menominee, Wisconsin
Steffy, Lois Ethel	LAS		* † Champaign
Steger, Donna Mae	Mus unc	16	* † East St. Louis
Stein, Adam Edward	Bus (SS)	119	* † Sibley
Steinberg, Ruth Rose	Mus	33	* † Chicago
Steinbrecker, Ben Charles	RE		* † Chicago
Steiner, Elsbeth	Jnl	70	* † Plainfield
Steiner, Margaret Lorene	HELAS	25	* † Morrison
Steinhauser, Emma Mary	HELAS	97	* † Berwyn
Steinkraus, Walter Carl	ChE	68	* † Chicago
Steinmetz, Julian Walter	EE		* † Chicago
Steinmeyer, Eleanora	LAS	55	* † River Forest
Stejskal, Anthony George	ME	99	* † Cicero
Stekoll, Robert Oscar	LAS		* † Chicago
Stelford, Roscoe Cooper	Agr	50	* † Gilberts
Stellner, Walter Herbert	LAS	33	* † Danville
Stemwell, William	SS	158	* † Maywood
Stenlund, Markley William	Accy		* † Rockford
Stepan, Oliver	Arch	90½	* † Cedar Rapids, Iowa
Stepan, Theodore Emanuel	ME	123	* † Cedar Rapids, Iowa



Stephan, Frederick Franklin	LAS	106½	* † Oak Park
Stephan, Wilhelmina Emily	LAS		* † Oak Park
Stephens, Boyd Columbus, Jr.	Bus		* † Urbana
Stephens, Charles Jenner	MinE	55	* † Sparta
Stephens, Doris	HELAS	85½	* † Lacom
Stephens, Eugene	AE	18	* † Cairo
Stephens, Ross	SS	153½	* † Urbana
Stephens, Russell Francis	Bus (SS)	88	* † Downers Grove
Stephens, Sarah Elisabeth	LAS (SS)	100	* † Champaign
Steenberg, Charles Julian	EE	52	* † Wheaton
Stern, Dorothy Darling	LAS	60	* † Champaign
Sternaman, Joseph Theodore	SS	183½	* † Springfield
Sterner, Carl John	CE	4	* † Wilmette
Sternlicht, Sylvia Ruth	LAS		* † Beloit, Wisconsin
Stetler, Roland Guest	Bus	106½	* † Chicago
Stevens, Byron Francis	Low	10	* † Elmhurst
Stevens, Charles Gardner, Jr.	LAS		* † Riverdale
Stevens, Charles William	Bus unc		* † Champaign
Stevens, Cora Anna	LAS (SS)	107	* † Champaign
Stevens, Franklin Alexander	Bus	27	* † La Salle
Stevens, George Davis	Bus	65	* † Chicago
Stevens, Kenneth Gray	Bus	68	* † Chicago
Stevens, Marion George	PreM (SS)	62	* † Harvey
Stevens, Norma Woodmancy	LAS	104½	* † Urbana
Stevens, Sybil Isabel	LAS		* † Springfield
Stevens, Sylvia Grace	LAS		* † Chicago
Stevenson, Helen Gould	LAS	60	* † Harvey
Stevenson, Jeanette	HELAS	63	* † Harvey
Stevenson, Pauline Roberts	SS	130½	* † Fairfield, Iowa
Stevens, Walter Judson, LL.B., 1923	SS		* † Champaign
Stewart, Donald Judson	Bus		* † Champaign
Stewart, Everett Charles	Bus	116	* † Fowler, Indiana
Stewart, Forrest Augustus	Apr	72	* † Charleston
Stewart, Lucille Anna Mary	LAS		* † Waukegan
Stewart, Lyle William	IA		* † Havana
Stewart, Paul James	AC	122	* † Chicago
Stewart, Rachel May	CT	62	* † Springfield, Ohio
Stewart, Ralph Allen	EE		* † Plainville
Stewart, Russel G	Apr	22	* † Urbana
Stewart, Virgil R	Apr	22	* † Urbana
Stewart, William Phillips	LAS		* † St. Louis, Missouri
Stice, James Maurice	Low	52	* † Altamont
Stick, Geneva Lorraine	HELAS	63	* † Muncie, Indiana
Stickle, John Bain	IA (SS)	78½	* † Indianapolis, Indiana
Sticklen, Margaret	SHHEED	68	* † Macomb
Stickler, Mabel Christine	LAS	84½	* † Alton
Stickney, Brewster	LAS	63½	* † Chicago
Stiefenhofer, Howard George	Bus	97	* † Barrington
Still, George Willis	Apr	37	* † Urbana
Still, Mary Evelyn	LAS	63	* † Urbana
Still, Roy Jennings	SS	116½	* † Spencer, Ohio
Stillwell, Carl Willard Dudley	Bus		* † Mishawaka, Indiana
Stillwell, Leland Mansford	PreM	92	* † Champaign
Stimes, Omar Malcolm	Apr	103	* † Capron
Stimson, Olive Jeanette	LG	74½	* † Rockford
Stinnett, Timothy Moore	SS	6	* † Shreveport, Louisiana
Stipes, George Walter	FC	48½	* † Champaign
Stipes, Royal A	Bus		* † Champaign
Stitt, Lyle	Apr		* † El Paso
Stixrad, Audrey Beatrice	LAS	32	* † Winnetka
Stockenberg, Arthur Bernard	ME		* † Chicago
Stockham, Richard James	Eng	37	* † Birmingham, Alabama
Stoddard, Harriet Corwin	SS	7½	* † Carlinville
Stoddard, Richard Lester	Bus		* † Winnetka
Stoessel, Edward Duane	ME	70	* † Chicago
Stoetener, Marie	HELAS		* † Raymond
Stohrer, Walter Albert Fred	Bus	148½	* † Chicago
Stokes, Richard Shumway	Chem	55	* † Springfield
Stokke, Edgar Milton	CE	55	* † LaCrosse, Wisconsin
Stoler, Seward C	Bus	17	* † South Bend, Indiana
Stolp, Nellie Marie	LAS		* † Aurora
Stolte, John F	Bus		* † Waterloo, Iowa
Stoltey, Kenneth Young	LAS unc	6½	* † Champaign
Stoltey, Marjorie Zell	LAS	106½	* † Champaign
Stompe, Albert Wennirk	Bus	65	* † Chicago
Stone, Elmer Bernice	Bus	33	* † Danville
Stone, Fred Denton, Jr.	LAS		* † Oak Park
Stone, Guy Marion	PreM		* † Chicago
Stone, Helen Adeline	LAS	66	* † Potomac
Stone, Hilda A	LAS		* † Bridgeport
Stone, Ralph Heard	ME	53	* † Harriaburg
Stone, Wilbur Ernst	PreM		* † Marion
Stone, Willis J	PreM		* † Marion
Stoneman, Aloysius Charles	IA (SS)	30	* † Francis Creek, Wisconsin
Stookley, Donald Bert	Bus		* † Chicago
Storer, Harold Wilson	Bus	30	* † Saybrook

Storm, Mona Gertrude	LAS	87	* †	Morrisonville
Story, Janice Miller	LAS		* †	LaSalle
Story, Lorena May	SS	5		Champaign
Story, William Murray	Acry	80	* †	Monmouth
Stoskopf, George William	ME	83	* †	Evanson
Stotlar, Owen Edwin	Bu	83	* †	Marion
Stott, Orrel Margaret	LAS		* †	Chicago
Stout, George William	LAS (SS)	85		New Castle, Indiana
Stoutenberg, Dorothy	SS	8		Greenville
Stover, Donald Howe	EE	5	* †	Freeport
Strabel, Katherine	LAS		* †	Champaign
Strahan, Oscar William	SS			Denison, Iowa
Strain, Robert Mulford	SS	83		Decorah
Strand, Ruth Helen	LAS		* †	Elmhurst
Stratton, Gretchen Avis	LAS		* †	Chicago
Straub, Walter Edwin	AC		* †	Carlinville
Straube, Alfred Gordon	Chem	87½		Milwaukee, Wisconsin
Strawn, Chester Collesier	Bu	15		Ottawa
Street, James Merwyn	EE	87	* †	Chicago
Stresser, Thomas Cornelius	RME	47	* †	Chicago
Stretch, Kathryn Elizabeth	LAS			Newcastle, Indiana
Strickland, Charles Arthur	Acry unc (SS)	17½	* †	Ogden
Strickler, Robert Burner	SS	7½		Hydon, Virginia
Striegel, Lawrence	PreM			St. Anne
Strike, Clifford Stewart	ME	108	* †	St. Joseph, Missouri
Stringer, Elbert Franklin	SS	8		Bay Springs, Mississippi
Storhecker, Mrs. Warren	SS	83		Neillsville, Wisconsin
Stroheker, Alma	LAS	86	* †	Barry
Stroheker, Cora Jane	Bu (SS)	88	* †	Barry
Stroheker, William Henry, Jr.	Bu		* †	Barry
Strohen, Gladys Olivia	LAS	101	* †	Elgin
Strohmer, Richard Henry	SS	8½		Detroit, Michigan
Strom, George William	EE	70	* †	Joliet
Strong, Fred Harry	SS	181		Chicago
Strong, Kenneth Beach	CE (SS)	85		Chicago
Strong, William Stanley	Bu	64	* †	Morris
Strouce, Frank Arnold	CE (SS)	71½	* †	Chicago
Strout, Frank Hiram	EE	88½		Harvey
Strubinger, Howard Michael	Apr			Barry
Strubinger, Lucian Hart	Apr	111	* †	Barry
Stuart, Helene	LAS	80	* †	Chicago
Stuart, Kent Lytle	ChemE			Winnetka
Stuart, Winifred Mable	HELAS	88	* †	Champaign
Stubbs, Charles Stephen	Bu		* †	Fortier, Colorado
Stubbs, Kathryn	LAS	87½	* †	Fortier, Colorado
Stubbs, Sadie Levina	Low unc (SS)	6		Lincoln, Nebraska
Studebaker, William Taylor	Bu	100		Lafayetteport, Indiana
Stodt, Frederick Henry	Bu	83		Chicago
Stoebe, John Joseph	Bu	88	* †	Chicago
Stoebe, Leonard Russell	Bu (SS)	186	* †	Danville
Stoebe, Margaretha Charlotte	LAS		* †	Danville
Stulginski, Bruce Alexander	EE	106	* †	Westville
Stull, Verna Mabel	LAS	86		Centralia
Stumm, William Mathew	FOM	87	* †	Taylorville
Sturdivant, William Oleson	Bu (SS)	87½	* †	Chicago
Sturdyvin, Evelyn M	LAS (SS)	100		Champaign
Sturdyvin, Leonard William	LAS		* †	Champaign
Sturgeon, Carol Elliott	Bu		* †	Fisher
Stutsman, Bennett Trout	SS	8½		Girard
Stuttle, Fred	PreM			Williamsville
Styan, Dorothy Etta	HELAS	83	* †	Champaign
Suenobu, Jiro	CE			Tokyo, Japan
Suess, Gertrude M, A.B., 1917	Lth		* †	McCook, Nebraska
Suggs, Joseph Edward	AC (SS)	86	* †	Fayetteville, Tennessee
Suits, Howard Lamar	Apr	85½		Hillsboro
Sullana, Edith Marie	LAS		* †	Taylorville
Sullins, Gladys	LAS	75		Marshall
Sullins, Vivian	LAS (SS)	81½	* †	Marshall
Sullivan, Bessie Mae	LAS	88	* †	Belvidere
Sullivan, Dennis Paul	Low			Stonington
Sullivan, George Frohman	Apr	84	* †	Washington
Sullivan, Harold Francis	Bu		* †	Champaign
Sullivan, James Cecil	Bu		* †	Harrisburg
Sullivan, James Gordon	Acry			Carlin
Sullivan, Lawrence John	PreL	87		Clinton, Iowa
Sullivan, Lemma Augustus	Bu	80		Benson
Sullivan, Leroy Leslie	FC			Downers Grove
Sullivan, Pitman Z	Bu			Harrisburg
Sullivan, Robert Rudolph	PreL	85		Cairo
Sumarkoff, Leonard Paul	Arch	48		Basile Creek, Michigan
Summerfield, Robert Lloyd	Low unc	5		Chicago
Summers, Hymie	Bu			Taylorville
Sun, Oliver Lawrence	Bu (SS)	88		Shanghai, China
Sundberg, Ruth Lucille	HEApr			Chicago
Sunderland, Richard P	IA			Hubbard Woods
Sunkel, John Voorhees	EE	88	* †	Dudley

Supirak, Michael Peter	CE (SS)	71	* † Cicero
Supple, Graeme Bates	ME		* † Deerfield
Sutherland, Mary Leona	LAS		* † Lawrenceville
Sutherland, Trissie Anne	LAS		* † Lawrenceville
Sutin, Oscar	Accy	34	* † Kansas City, Missouri
Sutliff, Harry Dean	Bus		* † Pinckneyville
Sutte, Donald Theodore	PreL		* † Maywood
Sutton, Charles Reuel, B.S., 1921	LG		* † Ottawa
Sutton, Delbert Sylvester	Bus	46	* † East Chicago, Indiana
Sutton, Donald Keith	Bus		* † Kempton
Sutton, Mark	AC		* † Terre Haute, Indiana
Svendsen, Mervin Otta	Bus		* † Earlville
Svihla, Arthur	LAS	94	* † Chicago
Swaim, Robert Stevin	Law		* † Wilmette
Swain, Burton Franklin	LAS	42	* † Shelbyville, Indiana
Swan, Hobart Wright	AE		* † Libertyville
Swander, Edith Lorene	LAS	95	* † Cerro Gordo
Swanfield, Virginia Alice	Bus		* † River Forest
Swanson, Alfred Melvin	PreL		* † Moline
Swanson, Harold George	ME	96	* † Chicago
Swanson, Helen Louisbel	LAS		* † Chicago
Swanson, Helen Mary	Jnl		* † Chicago
Swanson, Lloyd E	Jnl	27	* † Woodhull
Swanson, Paul John	Bus		* † Rock Falls
Swanson, Viola	LAS	64	* † Chicago
Swanston, Arvid C	Bus		* † St. Charles
Swanstrom, Arthur Raymond	Bus	5	* † Duluth, Minnesota
Swartz, John Theodore	Bus (SS)	26½	* † Urbana
Swartzberg, Morris Lewis	SS	27½	* † Ft. Worth, Texas
Swayne, Kent Lamar	LAS unc		* † Elkhart, Indiana
Swearingen, Lellia Fern	LAS	33	* † Champaign
Sweeney, Marshall Joseph	Bus	65	* † Chicago
Sweet, Helen	LAS	34	* † LaGrange
Sweet, John Elmo	Arch		* † Chicago
Sweet, Robert Lockwood	Bus	98	* † Kansas City, Missouri
Swengel, Mildred	HEAgr	60	* † Neoga
Swenson, Carl Adolph	Law	66	* † Rockford
Swenson, Milton Theodore	Bus	32	* † Chicago
Swenson, Reynold Leonard	LAS unc		* † Rockford
Swett, Mary Lyell	HELAS	111	* † Chicago
Swierczek, Helen Augusta	LAS		* † Chicago
Swift, Lorin Clyde	Bus		* † LaSalle
Swigart, Beulah Hope	LAS (SS)	75	* † Farmer City
Swike, Helen	LAS		* † St. Joseph
Swiley, Albert Allan	Bus	79	* † Portageville, Missouri
Swindells, Sara Anne	LAS	28	* † Chicago
Swinehart, Ivan H	Bus		* † Cooksville
Swinehart, Pauline Marguerite	LAS	69	* † Champaign
Symbol, Albert Francis	SS	8	* † Shenandoah, Pennsylvania
Tabor, George Robert	Bus		* † Sullivan
Taborsky, Frank George	EE		* † Maywood
Taft, Roland Henry	AC		* † Cincinnati, New York
Taggart, Grace Lucille	LAS	62	* † Murphysboro
Taheny, John Aloysius	EE	47	* † Chicago
Tai, Pung	CE		* † Mukden, China
Takayoshi, Banno	MinE		* † Urbana
Talbot, Rachel Harriet, A.B., 1918	Arch		* † Urbana
Talbot, Ralph Hayes	ChE	60	* † Champaign
Talkington, Eldon Arnold	Bus	23	* † Virden
Talley, Charles Vaughn	CE	36	* † Mattoon
Tallmadge, Amy Jeanette	HEAgr	32	* † Yorkville
Tallman, John Wheeler	Mus	9	* † Geneva
Tallyn, William Harold, B.S., 1921	SS		* † Benson
Talmage, Daniel H	Bus	120	* † Champaign
Talwalkar, Trymbak Waman	CerE		* † Schenectady, New York
Tambling, Robert L	Chem	77	* † Akron, Ohio
Tangermon, John Albert	Jnl	66	* † Hammond, Indiana
Tanner, Norbert Peter	CE	106	* † Chicago
Tanner, Virgil Ray	SS	36½	* † Cartersville
Tappan, Edward Arthur	AC (SS)	107	* † Urbana
Tappan, Mabelle	Accy (SS)	72	* † Urbana
Tarr, Francis Franklin	LAS		* † Chicago
Tarrant, Berrien Wilbur	Bus	59	* † Chicago
Tarrant, Victoria Kimball	HELAS	103	* † LaGrange
Tascher, Harold	SS	72½	* † Ashkum
Tascher, Wendell Russel	Agr	120½	* † Ashkum
Tate, Albert Austin	SS	7½	* † Champaign
Tate, Clogne Edward	PreL		* † Benton
Tate, Roy O	SS	11	* † Winslow, Indiana
Tatum, William West	PreM		* † Hattiesburg, Mississippi
Taubert, Edward August	Agr	62½	* † Casselton, North Dakota
Taxon, Philip Louis	Law		* † Rockford
Taylor, Florence Irene	SS	63	* † Philo
Taylor, Julian Martindel	SS	8	* † Philo
Taylor, Aurilla	SS	23½	* † East St. Louis
Taylor, Byron Eldred	AC	62	* † Princeville

Taylor, Donald Francis	ChE	63	* † Woodstock
Taylor, Fanny Adolphia	SS	66	* † Lovejoy
Taylor, Frank Mackey	Bus	33	* † Mattoon
Taylor, George Ernest	LAS	31	* † Marshall
Taylor, Harold John	Law	67	* † Effingham
Taylor, Irwin Clayton	Law		* † Kankakee
Taylor, Isadore Louise	LAS	33	* † Chicago
Taylor, James Ervin	SS	66	* † Grayville
Taylor, James Sherwood	SS	8	* † Ashland
Taylor, John Theodore	Bus	27	* † Streator
Taylor, Kenneth Archbald	ME	36	* † Urbana
Taylor, Martha Isabella	SS		* † Gary, Indiana
Taylor, Miriam	Mus	68	* † Urbana
Taylor, Robert Bell	EE	84	* † Peoria
Taylor, Robert Rochon	Bank	80	* † Tuskegee, Alabama
Taylor, Stansbury Nelson	Bank		* † St. Louis, Missouri
Taylor, William Herman	Bus	123	* † Decatur
Taylor, William Marion	Agr	98	* † Urbana
Taze, Edwin Harold	ME	63	* † East Moline
Teare, Dorothy Grace, A.B., 1921	Lib (SS)	7	* † Monmouth
Tegarden, Frank Webb, Jr.	Bus		* † Wilmette
Teeter, Louis Blair	LAS (SS)	101½	* † Carbondale
Teeters, Esther Florence	LAS	48	* † Auburn, Indiana
Teator, Donald Hartley	Bus	66½	* † Hagerstown, Indiana
Teator, Herman Clinton	Bus		* † Hagerstown, Indiana
Teghtmeyer, Max Garvin	CE	18	* † Bremen, Indiana
Tegtmeyer, Adolph Henry	Bus	70	* † Campbell Hill
Teitge, Virginia Carolyn	LAS		* † Chicago
Telling, Gerald C	Accy	100½	* † Decatur
Temple, Arthur	Arch (SS)	33	* † Davenport, Iowa
Temple, Harry Marshall	Eng		* † Chicago
Temple, Thomas Dixon	LAS		* † Fairfield, Alabama
Tenenborn, Lilly	LAS	96	* † Davenport, Iowa
Tener, Dorothy Wallis	LAS	99	* † East Cleveland, Ohio
Tenney, Frank Melville, Jr.	Bus	64	* † Decatur
Tenney, Ralph Emerald	ME	69	* † Blackwell, Oklahoma
Tennis, Gayland Everette	Law (SS)	6	* † Robinson
Tenton, George Almon	Accy	98	* † Metropolis
Tepper, Manie	CL	26	* † Urbana
Terence, Charles Herman	Jnl (SS)	28	* † Peoria
Terrill, Max Thomas	Bus	66	* † Macomb
Tessing, Arvid Fred	AE	69	* † Chicago
Petricke, Dale	CerE		* † Dixon
Tewksbury, Willis John	Bus	6	* † LaGrange
Thacker, Edgar Abney	PreM		* † Vienna
Thacker, Jewel Ernest	Agr	32	* † Vienna
Thackham, Edwin William	SS	137½	* † Moline
Thaisen, Lorens Hansen	Bus		* † Chicago
Thayer, Bessie Alice, A.B., 1923	SS		* † Urbana
Thayer, Ernest Adelbert	IA	64	* † Urbana
Thayer, Janet Campbell	LAS (SS)	93½	* † Chicago
Thayer, Mildred Evelyn	LAS	98	* † Chicago
Thelen, Jerome Balthassar	EE	28	* † Aurora
Theodoroff, Jordan	ME (SS)	112	* † Djoumair, Bulgaria
Thilo, Charlotte Marcia	LAS	61	* † Chicago
Thoeming, Albert William	Bus	20	* † Tuscola
Tholin, Albert Linne	MSE	126½	* † Downers Grove
Thoma, Paul James	EE		* † Chicago
Thoman, William Hall	CE	110½	* † Peoria
Thomas, Averil Ellis	Jnl	33	* † Centralia
Thomas, Charles Frederick	IEd	2½	* † Alvin
Thomas, Crawford Adelbert	Bus		* † Sterling
Thomas, Dorothy Evelyn	HELAS	62	* † Aurora
Thomas, Dorothy Evelyn	Bus (SS)	38	* † Quincy
Thomas, Edythe Josephine	LAS	113	* † Green Bay, Wisconsin
Thomas, Emile Woodson	Agr	93	* † St. Louis, Missouri
Thomas, Frederick Haywood	IA	133	* † Urbana
Thomas, Herbert Francis	Bank		* † Quincy
Thomas, Howard Wesley	Arch	66	* † Philadelphia, Pennsylvania
Thomas, John Theron, A.B., 1920	Law (SS)	63½	* † Champaign
Thomas, Lora Frances	LAS	31	* † Oak Park
Thomas, Ruth Elizabeth	LAS	11½	* † Champaign
Thomas, Theodore	LAS	20	* † Springfield
Thomas, Velma Mae	LAS	14	* † Champaign
Thomas, William Owen	Bus (SS)	24	* † Little Rock, Arkansas
Thomason, Richard Donald	Bus		* † Milford
Thomasson, Virginia Frances	Bus		* † Springfield
Thompson, A Charles	Law		* † Peoria
Thompson, Catharine	Ed	96	* † Paxton
Thompson, Donald Stanwood	Bus		* † Berwyn
Thompson, Donna Grace	LAS	64½	* † Chicago
Thompson, Edwin Russell	PU		* † Wilmette
Thompson, Ethel Irene	SS	8	* † Pesotum
Thompson, Farley Lynn	SS	64½	* † Girard
Thompson, Gaylord Albert	EE		* † Mendon
Thompson, Glen C	SS		* † Rockford, Michigan

Thompson, Glenwood Penny	Bus		* † Quincy
Thompson, Guy H, B.S., 1922	SS		Fayetteville, Pennsylvania
Thompson, Hale Arthur	Accy	71	* † Darlington, Wisconsin
Thompson, Harold Dean	SS	66	Chicago
Thompson, Harry Colbein	SS	9%	Onalaska, Wisconsin
Thompson, James Byron	Bus		† Wood River
Thompson, Jacqueline	LAS	98	* † Evanston
Thompson, John Richard	SS	8	Conway, Arkansas
Thompson, Martell Edwin	LAS		* † Orange, California
Thompson, Pauline	LAS		* † Sullivan
Thompson, Percival Eugene	PreL		* † Chicago
Thompson, Perry Thomas	SS		Jewell, Iowa
Thompson, Robert Drummond	Bus	28	* † Pontiac
Thompson, Winifred Pearl	Mus	35	* † Oak Park
Thomsen, Carl Heinrich	Agr		* † Dolton
Thomsen, Helen Margaret	LAS	92	* † Fulton
Thornburn, John Neville	LAS		* † Urbana
Thorne, John Farley	Bank	96½	* † Forrest
Thorne, Mary Katharine	LAS (SS)	41	* † Mossville
Thornes, Henry F	Accy		* † Urbana
Thornhill, Walter Rodger	LAS (SS)	69½	* † Champaign
Thornsburch, Thelma Theo, A.B., 1921	SS		Urbana
Thornsburch, Virginia Lile	LAS	31	* † Urbana
Thornton, Trilla Belle	SS	5	Georgetown
Thrash, Edward	EE		* Champaign
Thrash, Maurice B	PreM		* Hattiesburg, Mississippi
Threlkeld, Marie	LAS (SS)	75	* † McLeansboro
Throckmorton, Charles Otto	SS	16	Strasburg
Thurman, Leslie Clinton	LAS	101	* † Kansas City, Missouri
Tick, Goldie	LAS	13	* † Clinton
Tien, Pei Yeh	EE		* † Shangsi, China
Tietz, William John	REE	105	* † Chicago
Tilkemier, Clarence M	Bus	28	* † Freeport
Tilley, Paul Andrew	Bus	2½	* † Lincoln
Tilton, Edgar Joseph	FOM		* † Chicago
Timm, John Edward	PreL	33	* † Chicago
Tinthoff, Fred Sylvester	Law		* † Peoria
Tippy, Kenneth Clem	CerE		* † Sesser
Tischner, Theodore, B.S., 1922	SS		Milwaukee, Wisconsin
Titus, Albert James	PreM	68	* † Bloomfield, Indiana
Tives, Thomas Theodore	LAS	28	* † Chicago
Tlapa, Joseph John	AC		* † Riverside
Toates, William Henry, Jr.	Bus		* † LaGrange
Tobias, Vernon Hardell	Agr (SS)	80	* † King City, Missouri
Tobin, Walter William	PreM		* † Gilberts
Todd, Marguerite Mildred	LAS	24	* † Chicago
Tolbert, Claude Thomas	SS	6½	* † Nicholson, Georgia
Tolch, Noah Arthur	MinE	107	* † Sigel
Toll, Karl Harold	Accy	106	* † Chicago Heights
Tolson, George Richard	LAS		* † Linton, Indiana
Toman, Andrew John	PreM		* † Chicago
Tomlin, Renel Marvin	Agr	109	* † Easton
Tomlinson, Caroline	HELAS		* † Urbana
Tomlinson, James Robert	Bus		* † Rossville
Toney, Leita Elizabeth	LAS	61	* † Chicago
Tooker, Dorothy Elizabeth	LAS	44	* † Urbana
Topper, Martin A	AC	76½	* † Chicago
Torr, Raymond Osbourne	LAS	46½	* † Terre Haute, Indiana
Torrance, Philip Mitchell	LAS (SS)	37	* † Urbana
Tosetti, Arthur Charles	CE	35	* † Nokomis
Touff, Benjamin	Bus	2	* † Chicago
Touff, Hirsch	Agr unc	32½	* † Chicago
Touff, Joseph	Accy	103	* † Chicago
Tourtellot, Gair, Jr.	LAS		* † Evanston
Tourtellot, Edythe Cecilia	LAS	14	* † Oak Park
Touer, Frederick Willis	PreL	26	* † Chicago
Tower, Robert Cooley	Eng	73	* † Chicago
Towle, Roland Arthur	PreL	35	* † Pekin
Towle, Ruth	LAS		* † Urbana
Towle, Warren Wilder	LAS (SS)	53	* † Urbana
Towne, Allen Erastus	Bus	71½	* † Park Ridge
Towne, Milton Gaines	Agr	106½	* † Fayetteville, Arkansas
Townsend, Clarence Edward	Law (SS)	18½	* † Springfield
Townsend, Elizabeth	SS	87	* † LaGrange
Townsend, George	Jnl		Chicago
Townsend, William Baker	RCE	30½	* † LaGrange
Traeger, Joyce	SS	17	Mattoon
Traksl, Louis Alexander	Jnl (SS)	57½	* † Oak Park
Trautvetter, James Wilford	AE	44	* † Peoria
Trautwein, Mary Margaret Alene	LAS	90½	* † Morrison
Treadwell, Anna Louise	LAS		* † Chicago
Treadwell, Charles Humphrey	PreM	35½	Chicago
Tredwell, Frederick Randolph	SS	68	Chicago
Trees, Burtis Clinton	Accy		* Anna
Trelease, William, Jr.	EE		* † Urbana
Tremaine, Myron Jewell	LAS		* † Windsor

Trenchard, Wendell Bondurant	<i>Agr</i>	61	* † Deland
Trenkenschuh, Paul Walter	<i>PreL</i>	21	* † Rock Island
Trenkle, Wayne Francis	<i>Bus</i>		* † Farmer City
Trescott, Samuel Butler	<i>SS</i>	7	* † Ravenna, Ohio
Tress, Esthyn Marie	<i>HELAS (SS)</i>	106	* † Urbana
Trevathan, George William	<i>Agr unc</i>	16	* † Scales Mound
Trexler, Leonard Ervin	<i>EE</i>	110	* † Wheeler
Trimble, Arnold Carlisle	<i>Bus</i>		* † Paris
Trimble, Clara Elizabeth	<i>LAS</i>	26½	* † Oak Park
Trimble, Leon	<i>Bus</i>		* † Chicago
Tripp, Oliver Houston	<i>LAS</i>		* † Chester
Trissal, John Meredith	<i>REE</i>	72	* † Chicago
Troche, Ernest Richard	<i>ME</i>	73	* † Cicero
Trosper, Thelma E S	<i>LAS</i>		* † St. Louis, Missouri
Trovillion, Paul LaRue	<i>Agr (SS)</i>	73	* † Brownfield
Truckenbrod, Gilbert John	<i>Agr</i>	63	* † LaMoille
True, John Henry	<i>Bus</i>	27	* † Davenport, Iowa
Trummel, Russell Groves	<i>FOM</i>	68	* † Oregana
Trusler, Victor Thomas	<i>SS</i>		* † Marion, Kansas
Tsan, Tien Chio	<i>RA</i>	103	* † Pengpu, China
Tsao, Kin Yao	<i>RA (SS)</i>	107½	* † Sian City, Shensi, China
Tubbs, Helen Blanche	<i>SS</i>	17	* † Danville
Tucker, Fred Duncan	<i>Eng</i>		* † Chicago
Tucker, Gladys M	<i>HEAgr</i>		* † Urbana
Tucker, Hubert Herman	<i>Agr</i>	16	* † Paris
Tucker, Lowell Ray	<i>Agr</i>	36	* † Paris
Tucker, Mary Elizabeth	<i>LAS</i>	32	* † Warrensburg
Tucker, Morrel	<i>EE</i>	100	* † Champaign
Tucker, Pauline Lillian	<i>LAS</i>	98	* † Metropolis
Tucker, Zoe Merle	<i>SS</i>	6	* † Detroit, Michigan
Tulpin, Mary Ruth	<i>LAS (SS)</i>	112½	* † Franklin
Tunnell, Harold	<i>Law</i>	66	* † Hornsby
Tunncliff, Mrs. Everett	<i>LAS</i>	58	* † Urbana
Tupy, Leslie Twain	<i>Bank</i>	88½	* † West Chicago
Turek, Edwin V	<i>IA</i>		* † Cicero
Turnbull, Charles Vivian	<i>SS</i>	7	* † Chicago
Turnbull, Ralph William	<i>SS</i>	107	* † Carlinville
Turner, James Edward, Jr.	<i>LAS</i>	32	* † Casey
Turner, Leonard Christian	<i>SS</i>	138½	* † Forest Park
Turner, Lewis McDonald, B.S., 1923	<i>SS</i>		* † Hayworth
Turner, Nellie Margaret, B.S., 1922	<i>SHHEEd irr</i>		* † Urbana
Turner, Oral Yevetta	<i>SHHEEd (SS)</i>	96	* † Urbana
Turner, Ray	<i>LAS</i>	80	* † Chicago
Turner, William Willis	<i>PreM</i>	33	* † Taylorville
Turner, Winston Haywood	<i>LAS</i>	66½	* † Chicago
Turney, Reginald Henry	<i>PreM</i>		* † Coffeen
Turpin, Charles P	<i>SS</i>	5	* † Marco, Indiana
Turpin, Elizabeth Mae	<i>MusEd (SS)</i>	117	* † Decatur
Turrell, Franklin Marion	<i>PreM</i>		* † Champaign
Turton, Lester Miller	<i>Bus</i>	102½	* † Chicago
Tuthill, Gray Butler	<i>CerE</i>	108	* † Chicago
Tuttle, Phineas Harrison	<i>Agr</i>	62	* † Decatur
Tuxhorn, David Bruce	<i>ME</i>	97	* † Edwardsville
Tweed, John A	<i>Accy</i>	67	* † Millville, New Jersey
Twente, Asa DeWitt	<i>PreL</i>	21	* † Cairo
Twichell, Helen Faith	<i>LAS</i>	64	* † Aurora
Twinting, Walter Scott	<i>Bus</i>	31	* † LaGrange
Twitohell, Benjamin Edward	<i>PreM</i>	66	* † Belleville
Twitchell, Helen Esther	<i>LAS</i>	80	* † Belleville
Twitchell, Standler Irving	<i>PreM</i>	50½	* † Belleville
Tyler, Kathryn Dewey	<i>LAS</i>	14	* † Terre Haute, Indiana
Uchacz, Charlotte Frances	<i>LAS</i>		* † Chicago
Uchacz, Jennie Elenore	<i>LAS</i>	21½	* † Chicago
Udelowish, Harriet	<i>LAS</i>		* † Chicago
Uengeng, Sister Mary Aquin	<i>SS</i>	5	* † Longview
Uhl, Robert Charles	<i>IA</i>		* † Huntingburg, Indiana
Uhlir, William George	<i>Eng</i>	67½	* † Cicero
Umnus, Leonard John	<i>AC</i>	68	* † Menominee, Michigan
Underwood, Floy L	<i>Agr</i>		* † Ozark
Underwood, Harley David	<i>Bus</i>		* † Sidell
Unger, Carl Merle	<i>CE</i>	27	* † South Bend, Indiana
Upham, Edith Carolyn	<i>HEAgr</i>		* † Pontiac
Upham, Edward John	<i>Bus</i>	62	* † Pontiac
Urbancek, Joseph John	<i>SS</i>	113	* † Coffeen
Uslander, Richard	<i>PreM</i>	49½	* † Chicago
Usrey, Virgil Ray	<i>Agr</i>	80	* † Marion
Utley, Philemon McGee	<i>SS</i>	7	* † Champaign
Utterback, Arthur Carroll	<i>Accy</i>	75½	* † Saltfork, Oklahoma
Utterback, Austin Lee	<i>EE (SS)</i>	116½	* † Springfield
Utterback, Donald Desmond	<i>CerE</i>		* † Sumner
Utterback, Lawrence Byron	<i>MinE</i>	21	* † Sumner
Utterback, Paul Frederick	<i>ME</i>		* † Mishawaka, Indiana
Utzig, Esther Wilhelmina	<i>LAS</i>	96	* † Chicago
Vasler, Walter Clarence	<i>IA</i>		* † Chicago
Vacin, Milo Edward	<i>PreM (SS)</i>	75	* † Chicago
Vagtborg, Harold Alfred	<i>MSE</i>	46	* † Chicago

Valbert, Jewel N	Bus	72	* † Flora
Valentine, Lena Louise, A.B., 1923	SS	7	* † Terre Haute, Indiana
Valentine, Richard Clifford	IA	64½	* † Rockford
Valenzuela, Cosme Cabad	Bus unc		* † Sandrea Maria, Philippine Is.
Van Antwerp, Lucille Blanche	LAS	98	* † Louisville, Kentucky
Van Bellehem, Lorna Brise	Ed	67	* † Decatur
Vance, Cecil Fane	SS	6½	* † Vaughn, Washington
Vance, Philip Wesley	CL	33	* † Kiowa, Kansas
Vance, Ruth Elizabeth	LAS	68	* † Urbana
Vandenbergh, Alfred William	LAS		* † South Holland
Vanderbeck, Irma Margaret	LAS	99	* † Rockford
Vanderkloot, John Adrian	AE	32½	* † Oak Park
Vandermark, William Robert	Bus	29½	* † Champaign
Van der Meer, Valentine	Bus	100	* † Chicago
Van Dervoort, Louise	LAS	66	* † Moline
Vandervoort, Paul Webster	EE	35	* † Heyworth
Van Dolah, Delos	FC (SS)	102	* † Champaign
Van Doorn, James Arthur, Jr.	LAS	64	* † Quincy
Van Doren, Austin	LAS		* † Loami
Van Doren, Walter Earl	Bank	107	* † Champaign
Van Dyke, Enoch	SS		* † Winona Lake, Indiana
Van Dyke, Fred Henry	SHAE d (SS)	105	* † Ashley
Van Dyke, Harold Quintin	SS		* † Woodston, Kansas
Van Dyke, Paul	PreM		* † Winona Lake, Indiana
Van Dyke, William Lloyd	FC	66	* † Kansas City, Missouri
Van Houtin, George W	Bus		* † Davenport, Iowa
Vaniman, David Ray	SS	7%	* † Cordell, Oklahoma
Van Liew, Virginia Catherine	LAS	23	* † Des Moines, Iowa
Van Meter, Jerome Robert	SS	7½	* † Williamsville
Van Ness, Thelma Jane	SS		* † McLean
Van Ostrand, Ellen Mae	PreM		* † Urbana
Van Tress, Robert Templeton	Flor	53½	* † Ladd
Van Buren, Floyd Stanley	LAS	61½	* † Seymour, Wisconsin
Van Water, Gaston John	SS	9½	* † Chicago
Varner, Clyde Frederic	SS	8	* † Bushnell
Vaughan, Melville Christian	Chem		* † Greenville
Vaughan, William Freeman	Agr unc (SS)	42	* † Burnt Prairie
Vaughn, Mrs. Dessa Mae	SS	8	* † Middlesworth
Vaughn, Gage Lyman	SS	6	* † Mt. Vernon
Vaughn, Harold	AE	102	* † Omaha, Nebraska
Vaughn, Postelle Anderson	LAS	65	* † Hopkinsville, Kentucky
Vaughn, Robert E	SS		* † Crawfordsville, Indiana
Vaughn, William Edward	ChE	41	* † Foveler, Indiana
Vaupel, Carl Herman	ME	111	* † Pekin
Vayo, Theodore William	MinE	48	* † Chicago
Velzy, Ethel Brunkow	Mus unc		* † Urbana
Vennum, Frederick Coney	Bus (SS)	37	* † Watseka
Verity, William Smith	Bus		* † Park Ridge
Vernon, George Heywood, Jr.	PreM	65	* † Beardstown
Vespa, Daniel	CE	33	* † Toluca
Vespa, David Raphael	FC	62	* † Toluca
Vessoff, Peter John	Bus	131	* † Sofia, Bulgaria
Vest, Max Wayne	Bus		* † Tuscola
Vetter, Sylves Glen	Agr		* † Rock Island
Vial, Jane Lucile	LAS	24	* † LaGrange
Viall, Doris Marian	CCS	11	* † Manteno
Vick, Claude Edward	SS	8	* † Carbondale
Viehoff, Jessie	LAS		* † Chicago
Villard, Leona Marguerite	LAS		* † Champaign
Villegas, Florencio M	Agr	26	* † Tarlor, Philippine Islands
Vine, Ben Clark	Bus (SS)	103	* † Alton
Vineyard, Albert Hosea	EE		* † Pinckneyville
Vinke, Theodore Henry	PreM	60½	* † South Holland
Virgin, Louise Mae	Ed	66	* † Virginia
Vitt, Alvin E	PreM		* † St. Louis, Missouri
Voelkel, Clarice Jean	Mus	15	* † Pesotum
Vogeding, Dwight Karl	SS	134	* † Chicago
Vogt, Milton Albert	IA	83	* † Columbia
Voight, Robert Kenneth	SS		* † Middleburg, Connecticut
Voigt, Elmer William	LAS	65½	* † Homewood
Volkert, Harold	Bus	30	* † Chicago
Volkman, John Emil	EE		* † Chicago
Volle, Mervin Eugene	LAS		* † Mount Pulaski
Volle, Reva Margaret	HEAgr	30	* † Mount Pulaski
Vollintine, Eddie Witmer	Arch	59	* † Taylorville
Voltz, Leslie Sherman	MinE	61	* † Springfield
Volz, Rosalie Charlotte	LAS	60	* † Chicago
Vondenbosch, Albert Henry	Bus		* † Altamont
Von Ohlen, Henry Kenneth	Bus	34	* † Leland
Voorhees, John Culver	CE	30½	* † Alton
Voorhees, Joshua Dixon	CE	37	* † Alton
Vorepel, William F	IA		* † Peoria
Voris, Max Raymond	Agr	104	* † Stewardson
Vorse, Barbara Bertha	LG	99	* † Salt Lake City, Utah
Vorse, Justine Goodhue	Bus		* † Salt Lake City, Utah
Voss, Adolph George, Jr.	Bus	39½	* † Chicago

Voss, Esther Katherine	LAS	89½	* † Wilmette
Votaw, Stewart Ernest	Accy	69	* † Urbana
Voyles, Joseph Ellis	Bus	28½	* † New Albany, Indiana
Vrchota, Thomas P	PreM unc	10	* † Chicago
Vreeland, Helen Olive	HELAS (SS)	118	* † Champaign
Vreeland, Henry Kipp	Law	68	* † Champaign
Vrooman, William Sterling	CE		* † Muskegon, Michigan
de Vry, Edward Bernard	Bus	29	* † Chicago
Vursell, Eugene	Bus		* † Salem
Vycital, John Rudolph	ME		* † McHenry
Wabben, Laura Ellen	SS	8	* † Danforth
Wachowski, Casimir Roman	PreL		* † Chicago
Waddington, Mattie Elizabeth	SS	9½	* † Champaign
Waddington, Ruth	Ed	60	* † Centralia
Wade, Willard Elliott	LAS		* † Champaign
Wadepuhl, Walter, A.B., A.M., Ph.D., 1918, 1919, 1921	Law		* † Urbana
Wadsworth, Welland Bingham	AC		* † McGraw, New York
Waggoner, Elizabeth Jane	SS	57½	* † Madison
Waggoner, Kenneth Cory	LAS	57	* † Lebanon
Waggoner, Marshall Bear	PreM		* † Decatur
Wagner, Carl Leon	SS	7½	* † Crandall, Indiana
Wagner, Carlos John	Ed AC (SS)	64½	* † Burlington, Wisconsin
Wagner, Catherine Marie	LAS	34	* † LaSalle
Wagner, Earl William	Law	66	* † Urbana
Wagner, John Boyer	Bus		* † Streator
Wagner, Marshall Pommer	Agr	52	* † Freeport
Wagner, Oscar Emil, Jr.	LAS		* † Chicago
Wagner, Raymond	CE		* † Kankakee
Wagner, Richard Barnard	AC	71	* † Glen Ellyn
Wagner, Richard Edwin	SS	99	* † Kankakee
Wagner, Richard Robert	IA	27	* † Chicago
Wagoner, Anna Jo	LAS		* † Belleville
Wahlberg, Mildred Charlotte	LAS		* † Chicago
Wahlbrink, Armin August, B.S., 1923	SS		* † St. Charles, Missouri
Wahlgren, Herbert Herman	AE		* † Hinckley
Wahlstrom, Robert Daggett	EE	71	* † Chicago
Wai, Hai Shou	MinE	66	* † Wingpo, China
Wainscott, Austa Virgil	SS	6½	* † Kinnmundy
Waishwilas, Edward Walter	Arch		* † Chicago
Wait, Helen	Ed (SS)	66	* † Danville
Wait, Robert Abel	SS	8	* † Decatur
Waite, Abbie Deane	HELAS (SS)	37	* † Urbana
Waite, Noble William	SS	7½	* † Bunkerville, Nevada
Wakefield, Otho Bruce	IA	73	* † LaGrange
Walden, Allen	Accy (SS)	39	* † Calhoun
Walden, Henry Erlich	SS	8¾	* † Alexandria, Louisiana
Walder, Robert Louis	LAS		* † Cairo
Waldo, Allen Worcester	LAS		* † Urbana
Walker, Anna Lois	LAS (SS)	8	* † Urbana
Walker, Dorothy Elizabeth	LAS	89	* † Oak Park
Walker, Elizabeth Marion	HELAS	33	* † Harvard
Walker, Evelyn Elizabeth	LAS	65	* † LaGrange
Walker, Freda Ferne	SS	7	* † Sullivan
Walker, George Albert	AC	83	* † Danville
Walker, George Stewart	IA		* † Mattoon
Walker, Greydon Lyle	Law		* † Mattoon
Walker, Hazel Irene	LAS (SS)	98	* † Danville
Walker, John Rufus	Bus	103	* † Moline
Walker, Julia McElhiney	LAS		* † Hammond, Indiana
Walker, Lola Pauline	HE Agr		* † Urbana
Walker, Lucile Valinda	HELAS	99	* † St. Louis, Missouri
Walker, Marietta R	LAS	48	* † Gillespie
Walker, Orange Clark	Bus		* † Palestine
Walker, Paul, B.S., 1921	SS		* † Champaign
Walkup, Russell Francis	EE		* † Morris
Wall, David Leslie	Bus		* † Chicago
Wall, Harry Drue, Jr.	Bus		* † Chicago
Wallace, Charles Hamlin	PreL		* † Greenville
Wallace, Christine	LAS		* † Urbana
Wallace, Claradehl	HELAS	104½	* † Urbana
Wallace, Emma Alice	LAS		* † Winchester
Wallace, Floyd Clark	Bus	29	* † Champaign
Wallace, Gerald Leroy	CL (SS)		* † Urbana
Wallace, James Proctor	EE	65	* † Ewing
Wallace, Malcolm Penrod	Law (SS)		* † Chicago
Wallace, Marion M	HELAS	66	* † Marion
Wallace, William Hamilton	Bus (SS)	32½	* † Chicago
Wallace, William Whiteside	CE	61	* † Oak Park
Wallin, Victor William	Bus	40	* † Kansas City, Missouri
Wallingford, Harold Irving	AE	23	* † Champaign
Wallis, Mrs. Grace Hile	SS	113½	* † McHenry
Walsh, Earl Raphael	Bus		* † Deland
Walsh, James Franklin	EE	17	* † Monticello
Walsh, Margaret Betrice	LAS		* † Park Ridge
Walsh, Marguerite Badger	HELAS		



Walsh, Sister Mary Edna	SS	8	Springfield
Walsh, Sister Mary Kathleen	SS	7½	Springfield
Walsh, Michael F	SS	8½	Newport, Rhode Island
Walsh, Nelson John	PreM	58½	* Morris
Walter, Charles Keegan	Bus	106	* † Champaign
Walter, Mary	LAS unc	31	* Chicago
Walter, Mary Harte	Mus (SS)	36	* † Perry, Missouri
Walter, Robert Henry	Bus		* † Carbondale
Walter, Mrs. Virginia Arter	HEAgr	64	* † Danville
Walter, William Reynolds	IEd	64	* † Danville
Walters, Edna	Jnl	60½	* † Rantoul
Walters, Ernest Gardiner	ChE	27	* † Champaign
Walters, Lucy	SS	67½	* Urbana
Walton, Beulah	HEAgr	52½	* † Bowen
Walton, James Barton	Agr	34	* † Bethany
Walzer, Sidney	Bus	34	* † Chicago
Wamsley, Henry Edward	SS	34	* Sidell
Wamsley, John Henry	SS	86½	* Bloomington
Wang, Chien Z	REE	68	* † Shanghai, China
Wang, Tu	CE		* † Hupeh, China
Wangelin, Hugo Philip	Bus (SS)	106	* † Belleville
Wanner, William Kleitz	IA	73½	* † Chicago
Ward, Edna Louise	Ed (SS)	83	* † Champaign
Ward, Genevieve Rosamond	SS	6	* Otterbein, Indiana
Ward, Helen Mary	SS	8½	* Otterbein, Indiana
Ward, John Browning	CE	8	* † Benton
Ward, Louis Morris	Agr		* † Chicago
Ward, Ted Johnston	Bus	30	* † Champaign
Warden, Mrs. Vashti	SS	8	* Caruthersville, Missouri
Warder, Benton Arthur	CE	53	* † Chicago
Warfield, Silas T	SS	6½	* Somerston, Ohio
Waring, Earl Russell	RCE	110	* † Portland, Oregon
Warkentine, George Henry	Bus		* Michigan City, Indiana
Warnecke, Minnie	LAS	6	* † Princeton
Warner, Carolyn	LAS unc	3	* † Springfield, Massachusetts
Warner, Chester Pringle	SS	8	* London, Ohio
Warner, Dorothy Maye	Mus	68	* † Henton
Warner, Edna Louise	Jnl	53	* † Forest Park
Warner, Elsie	LAS	32	* † Wilmette
Warner, Gale Allen	LAS		* † Peoria
Warner, George Edward	Bus	83	* † Forest Park
Warner, Gladys Lillian	HELAS	27	* † Urbana
Warner, Wilmot Francis	Law	30	* † Moline
Warnes, Byron Anderson	Accy	11	* Newman
Warren, Gordon Geddes	ChE	30½	* † Chicago
Warren, Howard Emerson	Bus	53	* † Champaign
Warren, Lyman Garratt	EE	106	* † Chicago
Warren, Marian	LAS	66	* † Chicago
Warren, Mary Louise	LAS	32	* † Walseka
Warrick, Anetta Irene	Mus		* † Chicago
Warsaw, Jessie	Ed	97	* † Chicago
Waschan, Royal Weldon	Bus	32	* † Chicago
Wascher, Edna Cornelia	HELAS	63	* † Champaign
Wascher, Herman	Agr	127½	* † Champaign
Wascher, Marcella	LAS	33	* † Champaign
Wascher, Ralph Bicknell, B.S., 1923	SS		* † Paxton
Wasem, Dorothy Elizabeth	Bus		* † Patoka
Washburn, Lester Lyeon	EE		* † Greenville
Washburn, Percy Andrew	Flo		* † Bloomington
Washington, Camille	SS	99	* † Lovejoy
Washington, Edward Lawrence	AC unc (SS)	48½	* † Chicago
Wasilowski, Joseph Kenneth	PreM		* † Indiana Harbor, Indiana
Waterbury, Clarence Leslie	CE	30½	* † Urbana
Waterman, Arthur Ernest	AE	36	* † South Holland
Waters, Henrietta	Ed	94	* † Charleston
Waters, Mary Francis	LAS	72	* † Plainsville
Watkins, Mitchell Sylvester	Bus (SS)	108½	* † Cairo
Watkins, Ralph	AC	28	* † Cairo
Watkins, Ross Wright	IA	27	* † Logansport, Indiana
Watkins, Ruth Hamilton	LAS		* † Bloomington
Watrous, Donald Sheldon, Jr.	Bus		* † St. Louis, Missouri
Watson, Alva Clinton	Bus	94	* † Mattoon
Watson, Deneen Anthony	LAS	97	* † Elizabethtown
Watson, Lu Etta Maud	HELAS (SS)	49	* † Champaign
Watson, Mary Helen	Mus	100	* † Urbana
Watson, Paul Milburn	Bus		* † Farmer City
Watson, Raymond Arnold	CE	96	* † Fithian
Watson, Rupert Warren	AE	66½	* † Cairo
Watt, Jean Mabel	LAS (SS)	69	* † Champaign
Watt, Lester Leighton	SS	7½	* † Villisca, Iowa
Watt, Richard Rockwell	Bus	61	* † LaGrange
Watt, Thomas Harold	Bus		* † Winchester
Watcieworth, Charles	SS	149	* Champaign
Watts, Gladys Mae	SS	6	* Quincy
Watts, Harold Holliday	LAS		* † Urbana
Watts, Joseph Clyde	AE	60	* † Cheyenne, Wyoming

Watts, Raymond Summers	REE	75½	* † Chicago
Watts, Ronald Paul	Flor	22½	* † Chicago
Watts, Vera Howard	SS	6½	* † Danville
Way, Kenneth William	Bus	44	* † Peking, China
Wayer, Joseph Mather	LAS	99	* † Goshen, Indiana
Wayne, Richard Hoghton	LAS	6	* † Delavan
Wayne, Wendell Hoghton	LAS	101	* † Delavan
Wayo, Stephen John, Jr.	Chem	103½	* † Whiting, Indiana
Wear, Nina Mae	Ed	96	* † Clayton
Weaver, Brayton Ladd	FOM (SS)	69½	* † Harvard
Weaver, Holla Edwin	EE (SS)	103½	* † La Clete
Weaver, May Gertrude	Ed (SS)	89½	* † Cherry Creek, New York
Weaver, Mildred V	HELAS	36½	* † Rosemond
Weaver, Sheldon Alvord	Law (SS)	6	* † Champaign
Weaver, Verna Mae	HEAgr	20	* † Metropolis
Webb, Frances Adelaide	HELAS		* † Murphysboro
Webb, Jennie	LAS	42	* † Sesser
Webb, Kathryn Parker	LAS	63	* † Toledo
Webb, Ralph Duvivier	ME (SS)	117½	* † Allon
Webb, Raymond Benjamin	Jnl	26	* † Chicago
Webb, Richard Lockwood	LAS	97	* † Farmer City
Webb, William Floyd	Accy	51	* † Champaign
Webber, Bernice Elizabeth	MusEd	63	* † Urbana
Webber, Chester Clay	FC	32	* † Rantoul
Webber, Frances Marian	LAS	66	* † Urbana
Webber, Glenn Guy	LAS		* † Eldorado
Webber, Harry Marshall, Jr.	Bus	30	* † Wilmette
Webber, Joseph Thompson	ME (SS)	40½	* † Urbana
Webber, Lewis Waller	AC	63½	* † Rantoul
Weber, Clarence Adam	CE		† Omaha, Nebraska
Weber, Gustave Albert	SS	6½	* † Streator
Weber, Irma Caroline	LAS		† Chicago
Weber, Rachel Elizabeth	LAS		* † Hoopston
Weber, Robert Louis	Bank	55	† W. McHenry
Webster, Ernest Malcolm	Bus	57½	* † Oakland
Webster, Eunice Isabelle	LAS	61	* † Des Plaines
Webster, Frederick Folger	PU		* † Des Plaines
Webster, Sumner Everett	EE	53	* † Chicago
Weed, Marion Inez	LAS	26	* † Chicago
Weedman, Frances	HEAgr	104	† Farmer City
Weedon, Amy Gertrude	LAS (SS)	91	* † Wilmette
Weedon, Vivian Faye	LAS	23	* † Wilmette
Weege, Frank Charles	AC	66	* † Chicago
Weege, Margaret Wilhelmina	LAS		* † Chicago
Weeks, Bernice	SS	6½	* † Washington
Weeks, William Summerland	Ed	64	* † Detroit, Minnesota
Wegforth, Ann Margaret	LAS	33	* † Wilmette
Wehner, Keith Emanuel	Agr	103	* † Washington
Wehner, Louis Eugene	Agr	23	* † Washington
Weick, Arthur Christian	Bus		* † Berwyn
Weick, Herbert George	IA	101	* † Berwyn
Weidner, Morris Robert, Jr.	PreM	30	* † Dalton
Weigel, Virginia Louise	LAS		* † Staunton
Weihl, Archibald Peter	PreL	42	* † Waterloo
Weihl, Elmer Christian	PreL	71	* † Waterloo
Weikal, Elmer Ketner	AC (SS)	93	* † Middletown, Ohio
Weil, Sidney Calman	Bus		* † Chicago
Weiler, Joseph John	AE	36½	* † Vincennes, Indiana
Weinberg, Jacob John	CL		* † Chicago
Weininger, Benjamin	EE		* † Chicago
Weinstein, Edward Robert	Law		* † Chicago
Weinstein, Meyer Herman	Law		* † Chicago
Weir, Edgar Wilkin	PreM	67	* † Marshall
Weir, Ora Ethel	HELAS (SS)	52	* † Marshall
Weis, LeRoy Richard	CL	70	* † Chicago
Weiskoff, Carl	Bus	31	* † Libertyville
Weiss, George Seymour	PreM		* † Chicago
Welch, Edith Lucile	LAS	36	* † Chicago
Welch, Elizabeth Loux	HEAgr		* † Chicago
Welch, Gordan Sears	Jnl	17	† Chicago
Welch, Jessie	SS	6½	* † Mahomet
Weld, Frank A	FC		* † Belvidere
Welge, Walter Ernest	LAS	20½	* † Evanston
Welge, William Henry	FC	46	* † Chester
Welker, Clem V	Agr		* † Olney
Welker, Dorothy Hutchinson	LAS		* † Oak Park
Welker, William Harold	LAS		* † Champaign
Wells, Bessie Merle	Ed	114½	* † Pine Bluff, Arkansas
Wells, Everett Franklin	LAS	36	* † Aledo
Wells, Hugh Kirk	Bus		* † Paw Paw
Wells, John Kenneth	EE		* † Champaign
Wells, Mary Louise	SS	5½	* † Pittsfield
Welsh, John Robert	CE	118	* † Champaign
Welsh, William James	Law	66	* † Chicago
Welsh, Willie Justin	AC	11	* † Aberdeen, South Dakota
Welshimer, Philip Voris	Bank	40	* † Neoga

Welter, Floyd Lee	Bus	89	* † Elkhart, Indiana
Welton, Everett Leo	PreM	32	* † Plainsville
Welton, Winifred	SS	8½	* † Centralia
Welty, Maurice Eberly	LAS	26	* † Malta
Wendt, Henry John	Accy	53	* † Effingham
Wendt, Willard John	Arch	34½	* † Evansville, Indiana
Wenthe, Albert William	AE	89	* † Effingham
Werden, Kirk Ambrose	CE	37	* † Wauconda
Werner, Charles Dunlap	AC	34	* † Harvey
Werner, Fred W	Accy	86	* † Murphysboro
Werner, Gilbert Harold	Eng		* † Hobart, Indiana
Werner, Helen Margaret	LAS	81	* † Formington
Werno, Fred Charles	IA	67	* † Chicago
Werno, Harold William	Bus	34	* † Chicago
Wernsing, Bernard Henry	Bus		* † Effingham
Wernsing, Frederic Barnes	Bus		* † Effingham
Werth, Vanessa Marion	LAS	31	* † Chicago Heights
Werts, Helen Catherine	LAS		* † Urbana
Werts, Mary Margaret	HEAgr	65	* † Urbana
Wertz, Donald	Agr		* † Urbana
Wertz, Harold Eugene	AC	28	* † Denison, Texas
Wertz, Ralph Otis	ME	103½	* † Denison, Texas
Wertz, Wesley Clayton	AC		* † Antioch
Wesemann, Adolph Henry	Law		* † LaGrange
Wesner, Charles Arthur	PreL	40	* † Robinson
Wesner, Harold Ralph	CE		* † Robinson
Wessels, Ann Marie	HELAS	87	* † German Valley
Wessiss, Glenn Anthony	Bus	10½	* † Chicago
Wessman, Harold Everett	CE	116½	* † Rockford
West, Ballard E	Accy unc (SS)	64	* † Sadorus
West, Dorothy Irene	Mus	63	* † Champaign
West, Evelyn	LAS	97	* † Geneseo
West, Harold Dadford	PreM	61	* † Washington, D. C.
West, John Merton	Bus	68	* † Thawville
West, Lonsdale Nelson	Accy	66	* † Chicago
West, Robert Edwin	AE		* † Augusta
Westall, Alyene Elizabeth	LAS		* † Bridgeport
Westall, Jack Carey	Bus	73	* † Sumner
Westinghouse, Walter David	PreM		* † Buffalo, New York
Weston, Janet Louise	LAS		* † Champaign
Weston, Max Anscorn	PreL	34	* † Kewanee
Weston, Ralph Holland	CerE	108	* † Herrin
Westphaelinger, Mary	SS	8	* † St. Louis, Missouri
Wetherhold, Louis Everette	EE	55	* † Princeton
Wethington, Arthur Crawford	Agr	23½	* † Evanston
Wetzel, Charles	SS	8½	* † Clifford, Indiana
Wetzel, Pauline	Bus		* † Charleston
Wever, Josephine Isabelle	LAS	20¾	* † Chicago
Weymer, James Dudley	Accy	52	* † Frankfort, Indiana
Whaling, Gertrude Ruth	HELAS	9	* † Monmouth
Whaling, Leslie Edgar	Ed	80	* † Rockford
Wham, John Page	Law	30	* † Carbondale
Whang, Pao Kwai	Bank	113	* † Soochow, China
Wheatley, Bernice K	SS	64½	* † Champaign
Wheeler, Albert Julian	PreL	29½	* † Mattoon
Wheeler, Clarence Daniel	EE	71	* † Mattoon
Wheeler, Mary Lucille	LAS (SS)	22	* † Eolia, Missouri
Wheeler, Willard Louis	Bus	38	* † Chicago
Wherry, William Stephen	PreM		* † Danville
Whiffen, William Francis	Bus		* † Milwaukee, Wisconsin
Whisenand, Walter Bernard	CE	55	* † Urbana
Whitacre, Corwin Clay, Jr.	PreL		* † Waynesburg, Ohio
Whitaker, Dorothy	HELAS	79	* † Urbana
Whitaker, Mildred	HELAS		* † Urbana
Whitaker, William Roderick, Jr.	CE	5	* † Winnetka
White, Adelaide Louise	LAS	73	* † Champaign
White, Alexander, Jr.	PreL		* † Virden
White, Charles M	Bus	97	* † Chicago
White, Clarence Nelson	Bus unc (SS)	12½	* † Los Angeles, California
White, Eileen	SS	116	* † Washburn
White, George Miller	Bus		* † Newman
White, Harold Raymond	PreL		* † Union City, Indiana
White, Harry William	Bus		* † Greensville
White, Herbert LeRoy	Chem	114½	* † Little Rock, Arkansas
White, Jesse Forest	AC		* † Connersville, Indiana
White, Joseph Courtney	SS	6½	* † Hope, Arkansas
White, Katherine Narcissus	LAS	2	* † Urbana
White, Margaret Elizabeth	LAS (SS)	72	* † Champaign
White, Mary Ellen	HELAS	14½	* † Washburn
White, McKinley Winfield	AC		* † Cairo
White, Muriel Alden	LAS		* † Chicago
White, Ralph B	Bus		* † Champaign
White, Robert Fulton, A.B., 1922	Law	26	* † Murphysboro
White, Robert Hamilton	LAS	40	* † Wilmette
White, S Ernestine	LAS (SS)	8	* † Decatur
White, Stuart Earle	LAS	35	* † Chicago

White, Verirnell	Bus		† Minonk
White, Wayne Stevenson	LAS	32	* † Danville
Whitehouse, William Nelson	SS	81	* † Cherokee, Iowa
Whitelaw, Robert Bruce	Bus		* † Louisville, Kentucky
Whiteley, Fred Barney	Bank	92½	* † Lombard
Whitesel, Harry Alfred	EE (SS)	121½	* † Charleston
Whitfield, William K, Jr.	Law	63	* † Decatur
Whiting, Ralph Myron	Lib unc	27	* † Marlboro, Massachusetts
Whitlock, Chester G	PreM	5½	* † Humrick
Whitman, Harold Christopher	Bank	26	* † Cameron
Whitmore, Burton Franklin	Agr		* † Gardner
Whitmore, Merrill Hezekiah	AC		* † Burbank, Ohio
Whitmore, Philip Harvey	EE	68	* † Chicago
Whitnah, F Rna	LAS (SS)	27	* † Canton
Whitnah, Verne Davisson	SS	117½	* † Canton
Whitney, Dorothy	LAS	115	* † Chicago
Whitney, Everett A	Bus	67	* † Oak Park
Whitney, William Percy	CerE	74½	* † Springfield
Whittenberg, John Eugene	ChE	119	* † Murphysboro
Whittington, Paul Everett	CL		* † Benton
Whyte, Frank Ebenezer	Law		* † Kansas City, Missouri
Wichman, Virginia Jackolyn	Mus		* † Chicago
Wickert, Jacob Nelson	ChE	70	* † Danville
Wickhorst, George Nicholas	ME (SS)	73	* † Chicago
Wickman, Theodore	Bus	60	* † Chicago
Widdis, Grace Marian	LAS	22	* † Kinmundy
Widener, John Charles	MinE	75	* † Cumberland, Maryland
Wideroe, Marshall Seigvald	CE		* † Chicago
Wiedemann, Bernice Willelmina	SS		* † Harrisburg
Wiegman, Carl Julius	Law	64½	* † East St. Louis
Wiegrefe, Homer Frederick	Bus		* † Barnett
Wieland, Esther Marie	LAS	35	* † Chicago
Wiemken, Carl Edward	CerE		* † East St. Louis
Wiese, Virgil Anderson	Bus		* † Newman
Wightman, Charles Mancel	Bus		* † Grays Lake
Wightman, Elwyn Fenlon	Bus	100	* † Grays Lake
Wikoff, Ramon French	ME	36	* † Bound Brook, New Jersey
Wikoff, Ruth Virginia	LAS	63	* † Chicago
Wilbanks, Truman Franklin	SS		* † Champaign
Wilbern, Velda Lorene	HELAS	96½	* † Des Moines, Iowa
Wilcox, Arthur Burt	LAS	44	* † Decatur
Wilcox, Catherine Louise	HELAS (SS)	68	* † Champaign
Wilcox, Harold Childs	Chem (SS)	108½	* † Sterling
Wilcox, Lucille Elizabeth, B.S., 1923	SS		* † Champaign
Wilder, Chester Howard	Eng		* † Crete
Wildman, Louis Mandeville	Bus (SS)	101	* † Champaign
Wiles, Thelma	LAS		* † Champaign
Wiley, Frank Clarence, B.S., 1923	SS		* † Earlville
Wiley, George Harold	LAS	30	* † Ottawa
Wilford, Robert Nicholas, B.S., 1917	SS		* † Aurora
Wilhelm, Dorothy Brunette	LAS	64	* † Indianapolis, Indiana
Wilhite, Richard Dodge	LAS		* † Jerseyville
Wilkening, Arthur Paul	CL	24½	* † Crete
Wilkens, Herbert Paul	LAS	66	* † Chicago
Wilkins, William Grafton	REE		* † East St. Louis
Wilkinson, Jasper Newton	Bus		* † Bethany
Wilkinson, William Clark	Bus		* † Chicago
Willard, Edwin	Accy		* † Chillicothe
Willard, Leroy Burton	Bus		* † Oak Park
Willcox, Laurence Austin	Agr	35	* † Wyoming
Willcoxon, Dorothy Clarice	LAS	32	* † Canton
Willems, Edward Morris	AC unc		* † Rochester, New York
Willey, Perry Homer	SS	130½	* † Magnolia
Willey, Russel DeWitt	Agr	35	* † Taylorville
Williams, Mrs. Ailene Miller	SS		* † Champaign
Williams, Burton John	Accy	72	* † Davenport, Iowa
Williams, Byron	FC		* † Portland, Indiana
Williams, DeWitt Quincy	SS		* † Belle Plaine, Iowa
Williams, Dorothea Marie	LAS		* † Canton
Williams, Dorothea Marie	HEAgr		* † Philo
Williams, Eleanor Lake	LAS	59	* † Marshalltown, Iowa
Williams, Emily, B.S., 1923	SS		* † Champaign
Williams, Harold Gordon	Agr	118½	* † Rockford
Williams, Harold Love	Bus	73	* † Urbana
Williams, Hazel	LAS		* † Collinsville
Williams, Helen	HELAS (SS)	33	* † Urbana
Williams, Helen Jess	LAS	60	* † Rantoul
Williams, Henry Walter	SS	132½	* † Urbana
Williams, Howard Ivan	EE	77½	* † Rockford
Williams, James Hackney	Agr	30	* † Chicago
Williams, Jessie Bennett	Bank	64	* † Streator
Williams, John Paul	Law		* † Paola, Kansas
Williams, Kenneth W	Arch		* † Kokomo, Indiana
Williams, Lena Louise	LAS	27	* † Mt. Vernon
Williams, Leroy Alex Herbert	LAS	6	* † Ellicott City, Maryland
Williams, Lewis Virgil	LAS (SS)	101	* † St. Louis, Missouri

Williams, Lucile Emily	LAS	31	* † Potomac
Williams, Margaret Louise	Ed	63½	* † Champaign
Williams, Marion Belle	Mus	2	* † Chicago
Williams, Mary B	HELAS		* † Alma, Michigan
Williams, Mary Ethel	Flor	30	* † Vandalia
Williams, Maude	HELAS (SS)	108	* † Urbana
Williams, Merritt Milton	Bus		* † Chestnut
Williams, Myra Beal	HELAS (SS)	117	* † Rantoul
Williams, Oral Bernice	LAS	32	* † Springfield
Williams, Paul Beauchamp	SS		* † Farmersburg, Indiana
Williams, Ray Harold	Agr		* † Milford
Williams, Richard Orlander	LAS	22	* † Mounds
Williams, Richard Arthur	LAS unc	4	* † Chicago
Williams, Rollin LeRoy	Bus		* † Elkhart, Indiana
Williams, Stanley Edward	Eng	82½	* † Chicago
Williamson, Edmund Griffith	LAS	60	* † Rossville
Williamson, Frank Martin	MSE	121½	* † Albion, Michigan
Williamson, James Kindrick	Bus	30	* † Nashville
Williamson, Raymond Barton	ME	35	* † Milford
Williamson, Raymond Ellsworth	Law		* † Griggsville
Williford, John LeRoy	ME	26	* † Mt. Carmel
Willis, Eunice Florence	LAS	33	* † Elmhurst
Willis, Helen Emily	LAS		* † Chicago
Willis, Lyle Joseph	PreM	54	* † Rock Island
Willis, Mrs. Marian Roberta	Ed	72	* † Urbana
Willis, Russell Vernon	Bus	67¾	* † Sesser
Willison, Clarence Orlando	Law (SS)	6	* † Elk City, Oklahoma
Willman, Harold Bowen	LAS	34	* † Hartford City, Indiana
Willmann, Herbert Frank	Bus		* † Chicago
Wills, Ernest Claude	SS	8½	* † Clinton, Iowa
Wills, Glenn Philander	ME	32	* † Carlville
Wills, John Elliot	SHAE	68	* † Watska
Wills, Mary Marguerite	LAS	104	* † Griggsville
Wills, Walter Wallace	Bus		* † Vandalia
Willson, Nell D	HELAS	90½	* † Clinton
Willy, Edwin Paul	AE	38	* † Dubuque
Willmot, Catherine	LAS		* † Wataga
Wilson, Alexander Lewis	CE	32	* † Worcester, Massachusetts
Wilson, Allen Ditmars	SS	7	* † Casper, Wyoming
Wilson, Clarence Vernon	Accy		* † Urbana
Wilson, Clifford C	PreM	50	* † Salina, Kansas
Wilson, Clifford E	AC unc		* † Lewistown
Wilson, Dorothy	LAS	55	* † Hinsdale
Wilson, Edna Clara	LAS	68	* † Woodstock
Wilson, Eleanor Fay	LAS	31	* † Chicago
Wilson, Emily Gertrude	LAS	40	* † Dalton City
Wilson, Esther Naomi	LAS	37	* † Urbana
Wilson, Mrs. Frances Douglass, A.B., 1923	LAS irr		* † Urbana
Wilson, George Taylor	Bus		* † Canton
Wilson, Harold Clifford	Agr	70	* † Homewood
Wilson, Harold Edwin	ChE	129	* † Geneseo
Wilson, Harold Kenneth	AE		* † Urbana
Wilson, Henry Gross	PreL	31	* † Atwood
Wilson, Hugh Monroe	SS	7½	* † Jacksonville
Wilson, James Boone	Bus	23	* † Chicago
Wilson, John Henry	ME (SS)	107½	* † Olney
Wilson, John Marcy	Bus	99½	* † Fairfield
Wilson, Kenneth Day	Bus	103	* † Clinton
Wilson, Louise Nina	SS	8	* † Greenville
Wilson, Mark Earl	SS	6½	* † Colchester
Wilson, Martha Almellia	Agr	81½	* † Aurora
Wilson, Maude Frances	LAS	99	* † St. Louis, Missouri
Wilson, May	HEAgr	25	* † LaFoz
Wilson, Ona Verna, A.B., 1923	LAS irr		* † Dalton City
Wilson, Paul Rutledge	ME (SS)	95½	* † Hinsdale
Wilson, Ralph Delbert	AE	80	* † Sidney
Wilson, Ralph Kenneth	Agr		* † Sparta
Wilson, Roy John	Agr		* † Ogden
Wilson, Roy William	Bus		* † Gardner
Wilson, Thomas Harry	SHAE	95	* † Woodstock
Wilson, Virginia May	LAS		* † Goodland, Indiana
Wilson, Walter Chamberlin	Law	37	* † Aurora
Wilson, Warden Forsyth	Eng	73	* † Chicago
Wilson, Wendell Samuel	AC		* † Rockford
Wilson, William Charles	AC	36	* † Union City, Ohio
Wilton, Mildred Maurine	Ed	98	* † Ogden, Utah
Winakor, Arthur Harry	CL	36	* † Springfield
Winans, Grace	HEAgr	102	* † Olney
Winans, Ruth	LAS	118	* † Canton, Mississippi
Windberg, Albe Marion	LAS		* † Wakefield, Michigan
Windle, John Taylor	LAS	65½	* † LaFayette, Indiana
Windsor, Margaret	LAS (SS)	114	* † Urbana
Windsor, Mary Frances	LAS (SS)	6½	* † Urbana
Wine, David Wilford	LAS	84	* † Chicago
Wing, Herbert John	LAS (SS)	61	* † Maywood
Winger, Homer Philip	LAS		* † Walnut

Winkholts, Irene May	Bus		† Berwyn
Winkel, Leo John	Bus		* † McHenry
Winkleman, Anna Belle	LAS		* † Chicago
Winkler, Clinton Edward	Bank	70	* † Lockport
Winkler, Joseph Fred	CE	106	* † Chicago
Winn, John	SS	7½	* † Murphysboro
Winn, Lawrence Lyle	Law	44	* † Richmond
Winsauer, Leslie Robert	AE (SS)	32	* † Des Plaines
Winsberg, Gerald	Bus		* † Chicago
Winski, Nathan	Bus		* † LaFayette, Indiana
Winslow, Nathaniel Robbins	ChE	57	* † Oak Park
Winslow, Vera Louisa	HELAS		* † Donovan
Winslow, William Brown	Eng		* † Wilmette
Winstein, Gertrude Irene	Ed	68	* † Viola
Winter, Mary Mildred	Law		* † Rock Island
Winterhalter, George John	Accy	103	* † Lily Lake
Winters, Eric	Agr		* † Urbana
Winters, Ernest Bruce	IA	72	* † Champaign
Winters, Robert Wayne, B.S., 1923	SS		* † Walnut
Winton, Thomas Walter	PreL	16½	* † Chicago
Wirth, Sidney Raymond	SS	133	* † Oak Park
Wirthlin, Melida Lee	LAS	102½	* † Webster Groves, Missouri
Wisby, James Uriach	Agr		* † Morgantown, Indiana
Wise, James Carl	Arch	30	* † Sadorus
Wise, Lucien	Agr (SS)		* † Tamalco
Wise, Willard Jacob	Bus	30	* † La Porte, Indiana
Wisegarver, Cleo Fern	HELAS (SS)	93	* † Champaign
Wiseman, Ruth	SS	81	* † Longview
Wiseman, Vivian	LAS (SS)	103	* † Longview
Wissen, Vernette Theodore	Bus	99	* † Rockford
Wist, Joseph Elmer	Flor (SS)	79½	* † Decorah, Iowa
Wisthuff, Edith Elizabeth	HELAS	84	* † Sibley
Wisthuff, Oscar Henry	AC	27	* † Chatsworth
With, Thorolf Edwin	ME	109	* † Joliet
Withrow, Helen Isabelle	LAS		* † Denner, Colorado
Witt, Frank Jacob	EE	136	* † Sidney
Wittick, Eugene Charles	IA	99	* † Moline
Wittick, Herbert Edward	Ins	100	* † Peoria
Wittman, Adeline Leta	LAS	60	* † Metropolis
Witwer, Henry Wilber	Bus	62	* † Joliet
Witwer, Martha Nell	HELAS	99	* † Danville
Witwer, Mohler Studebaker	LAS	49	* † South Bend, Indiana
Witwer, Thelma	HEAgr	20	* † Champaign
Wiweka, Marc Pierson	Bus		* † Oak Park
Wixted, John Francis	PreM unc	17	* † Southbridge, Massachusetts
Wodrich, Frank Walter, Jr.	EE		* † Chicago
Wodrich, Harold Bertrum	Bus		* † Chicago
Woelfersheim, William Arthur	Bus	98	* † Chicago
Woeltge, Franklin Worley	EE	71	* † St. Louis, Missouri
Wohlfarth, William Webster	LAS	31	* † Champaign
Wohlford, Fredrick Paul	Arch		* † Chicago
Wohnke, Dorothy Esther	LAS (SS)		* † Dixon
Wolaver, William Harold	AE	48½	* † Oklahoma City, Oklahoma
Wold, Robert	Bus	51	* † Chicago
Woleben, Stanley Allen	LAS	25	* † Marengo
Wolf, Carl Walter	REE	133½	* † Chicago
Wolf, Erik William	IA	102	* † Frankfort, Indiana
Wolf, Frances Gertrude	HELAS	31	* † Aurora
Wolf, John G	Bus	49	* † Champaign
Wolfe, Grayce Catherine	Ed	89	* † Chicago
Wolfe, Jacob Emerson	ChE	26	* † Champaign
Wolfe, Lawrence Warren	SS	7½	* † Colorado Springs, Colorado
Wolfe, Robert Patrick	FC		* † Quincy
Wolfenberger, Charles Marion	Chem	74½	* † Chicago
Wolff, Bernice Serena, A.B., 1923	LAS		* † Urbana
Wolff, Charles Henry	ChE	27	* † Peru
Wolfram, George	CerE		* † Des Plaines
Wolgemuth, Florence Louise	HELAS		* † River Forest
Wolinsky, Albert	PreL		* † Chicago
Wolinsky, Harry	Ed	102	* † Chicago
Wolinsky, Leo	CE	73	* † Chicago
Woll, Albert Joseph	PreL	35	* † Chicago
Wollerman, Grace Helen	Mus unc (SS)		* † Fillmore
Womacks, Harold B	Agr	90	* † Urbana
Wong, Kan Tsz	SS	125	* † Canton, China
Wong, Siu Cheong	SS		* † Canton, China
Wood, Abigail Hosmer	HEAgr		* † Cairo
Wood, Annetta Lois, A.B., 1922	SS		* † Decatur
Wood, Chester Arthur	Bus		* † Chicago
Wood, Clara Kessler	LAS	29	* † Cairo
Wood, Edythe Townes	HELAS	29	* † Champaign
Wood, Eugene William	LAS	93	* † Chicago
Wood, Gerald Stone	Jnl	43	* † Corry, Pennsylvania
Wood, Isabel Frances	LAS	102	* † Girard
Wood, Mildred	SS	3	* † Rockbridge
Wood, Ralph Walton	ME		* † Toronto, Ontario

Wood, William Arthur	LAS	17½	† Chicago
Wood, William Herbert	Bus		† Urbana
Wood, William Marcellus	Agr	31½	* Taylorville
Woodford, Clifford Roderick	FC		* Sebastopol, California
Woodford, Kenneth Stanley	LAS	66	* † Sebastopol, California
Woodford, Lester Melvin	PreM	68	* † Sebastopol, California
Woodruff, Arthur Eugene	Bus (SS)	70½	* † Champaign
Woods, Charlotte Elizabeth	LAS		* † Champaign
Woods, Homer Allen, Jr.	Bus	67½	* Indianapolis, Indiana
Woods, Orlo Wayne	LAS	102½	* † Bloomington
Woods, Richard Northall	CE	106½	* † Rockford
Woodson, Paul Edgar	Agr	66	* † St. Louis, Missouri
Woodward, Alan Otis	LAS	66½	* † Chicago
Woodward, Charlotte Ann	LAS	66	* † Oak Park
Woodward, Harold Christopher	Law (SS)		* † Ottawa
Woodward, Marion Hannah	LAS (SS)	103	* † Oak Park
Woodward, Mrs. Sophronio S	LAS unc		* † Urbana
Woodward, Stewart Gray	IEd	97	* † Chicago
Woodward, William Van Benschoten	EE	72	* † Evanston
Woolbert, Richard Lathan	LAS		* † Urbana
Woolbert, Robert Gale	LAS	93	* † Urbana
Wooley, Wesley Theodore	Bus		* † Bloomington
Wooley, Newton Albert	Agr		* † Oswego
Wooley, Wayne Ransom	CE	58½	* † Carlinville
Wooster, Charles Chandler	Law unc		* † Champaign
Workinger, Orban	Bus		* † Elkhart, Indiana
Wormley, Eugene	Agr	81	* † Kinmundy
Worsham, Frank Donald	Bus		* † Champaign
Worst, Helen Margaret	LAS		* † Aurora
Worth, John Clifford	AC	37	* † Chicago
Worthen, Mary Theye	Arch	30	* † Waterloo, Iowa
Wrey, Mabel Jeanette	LAS unc		* † Saunemin
Wright, Annette	HEAgr	34	* † Springfield
Wright, Byron Bentley	SS	8	* † Bradford, Iowa
Wright, Charles Thomas	MSE	49½	* † Menominee, Michigan
Wright, Edward Philbrick	CerE (SS)	114	* † Irwin
Wright, Edwin Moore	SS	7	* † Greencastle, Indiana
Wright, Florence Lowe	Arch		* † Grand Beach, Michigan
Wright, Frances McDonald	LAS	26	* † Glencoe
Wright, Genevieve Clarissa	SS	143½	* † Chicago
Wright, George Harold	PreM	36	* † Greenfield
Wright, Harry Smith	Agr (SS)	73	* † Mahomet
Wright, Homer Franklin	Accy	91	* † Paris
Wright, Icelle Emma	SS	7	* † Tulsa, Oklahoma
Wright, James Hodges	Bus	30	* † Chicago
Wright, John William	Accy (SS)	69	* † Murphysboro
Wright, Karl Theodore	Agr	108	* † Moweaqua
Wright, Kenneth Edwin	Agr	67	* † Waukegan
Wright, Kenton Robert	ME (SS)	106	* † Urbana
Wright, Lawrence Sedgwick	Bus	71	* † Oak Park
Wright, Milton Wayne	Accy	62	* † Edwardsport, Indiana
Wright, Owen B	SS	9½	* † Calhoun
Wright, Stewart	PreL		* † Urbana
Wright, William Godsell	LAS		* † Greenville
Wrigley, Dorothy Helene	LAS	31	* † Wyoming
Wu, Te Yuan	FC	114	* † Peking, China
Wu, Pun Ming	EE		* † Honan, China
Wuesteman, Adelbert Earnest, B.S., 1922	LAS		* † Champaign
Wupper, Arthur	Arch	31	* † Davenport, Iowa
Wurst, Katharine	LAS	101	* † Quincy
Wyatt, Harry Morton	Agr	27	* † Cartler
Wyeth, Hugh Leslie	Accy		* † Garrett
Wyke, William John	AC	36	* † Edgewood, Pennsylvania
Wylie, Charles Clayton, A.B., A.M., Ph.D., 1908, 1912, 1922	SS		* † Champaign
Wyman, Edward	LAS		* † Chicago
Wynd, Clarence Leon, B.S., 1923	SS		* † Peoria
Wyninger, Evangeline Day	HELAS (SS)	84	* † Urbana
Wyninger, Naomi Day	LAS		* † Urbana
Wynne, Roy	SS	8½	* † Oronoque, Kansas
Wyrick, Austin Basil	ME	70	* † Chicago
Yackel, Walter Carl	Bus (SS)	106½	* † Alton
Yaglovsky, Harry Glover	PreM		* † Chicago
Yang, Kun Shan	EE		* † Tientsin, China
Yao, David Sunshing	RME	144	* † Kiangsu, China
Yard, Alan McLain	PreL	36½	* † Macomb
Yarline, Frank William	EE	37	* † Forest Park
Yarnall, Thomas Coffin	Bus	30	* † Chicago
Yates, John Edward	Law (SS)	62½	* † Taylorville
Yates, Mildred Reed	LAS		* † Rantoul
Yates, Robert William	Bus	33	* † Oak Park
Yates, Stella Day	Bus		* † Kinderhook
Yates, William Wellington	PreL	21	* † South Bend, Indiana
Yearsley, Mary	LAS (SS)	104	* † Urbana
Yeazel, Dorothy E	HELAS		* † Essex, Ontario
Yemm, Helen M	LAS		* † DuQuoin

Yensuan, John	Arch		* †	Peking, China
Yerkes, Charles Mason	SS	6½		Phillips, Nebraska
Yntema, Mrs. M Jean Busey, B.S., 1920	LAS		†	Urbana
Yockey, Glen	AE	15	* †	Taylorville
Yoder, Antoinette Lucille	LAS		* †	Paulding, Ohio
Yonker, Mortimer Alexander	ChE	54	* †	River Forest
York, Mrs. Clea Price	LAS	98½	* †	Shattuc
Young, Asa Dougal	LAS	32	* †	Mansfield
Young, Charles Thomas	Agr	66	* †	Pekin
Young, Cyril Charles	Eng	104	* †	Kansas City, Missouri
Young, David Clark	Accy		* †	Canton
Young, Donovan Abraham	Bus (SS)	72½	* †	Elgin
Young, Eleanor Frances	LAS	12	* †	Chicago
Young, Frances Louise	SS		* †	Danville
Young, Frank Edward	Agr unc (SS)	55	* †	Urbana
Young, George Clari	MinE	41	* †	Carterville
Young, Gilman Boardman	AE	107	* †	Toulon
Young, Gordon Mark	Agr	92	* †	Centralia
Young, Helen Adele	LAS		* †	Aurora
Young, Helen Margaret	LAS	59	* †	Glen Ellyn
Young, Jackson Smallwood	LAS	31	* †	Urbana
Young, James Albion	Agr		* †	Springfield
Young, Mrs. Jessie Emilie	SS	12		East St. Louis
Young, Leonard Boswell	MinE	8	* †	Chicago
Young, Louis Clide	PreM	26	* †	Chicago
Young, Madge Woodard	LAS		* †	Champaign
Young, Mildred Eugenia	LAS (SS)	100½	* †	Knoxville
Young, Ruth C	LAS	64	* †	Farmer City
Young, Ulysses Simpson, Jr.	SS	8½		East Orange, New York
Young, Virginia Shornden	LAS	13	* †	Aurora
Young, Wilfrid Earl	SS	7½		Champaign
Young, William Clyde	SS	105½		Geneseo
Young, Winifred Mae	LAS	28	* †	Oak Park
Younger, Lewis Irving	PreM	67½	* †	Chicago
Youngquist, Philip Oliver	CE	64½		Batavia
Youngworth, Carl	SS	7		Sioux City, Iowa
Yu, Robert, Jr.	RA (SS)			Tientsin, China
Yuan, Tsung Toh	ME	87	* †	Canton, China
Yuenger, Arthur Theodore	IA	64	* †	Chicago
Zabel, Joseph Martin	P.U.	32	* †	Rockford
Zaccaria, August Louis	LAS	24	* †	Cherry
Zachary, Genevieve Ferne	LAS		* †	Carlisle
Zacher, Allan Norman	Bus	30	* †	Peru
Zacher, Arthur Henry	Bus	63½	* †	Chicago
Zadek, James George	ME	77½	* †	Chicago
Zahn, Henry	LAS		* †	Chicago
Zahn, Roy C	Bus		* †	Chicago
Zalewski, Casimir Stanley	Bus	55	* †	Chicago
Zander, Beulah Irene	Mus	63	* †	Chicago
Zander, Edward Henry	Agr	83	* †	Chicago
Zartman, Walter Hammond	ChE		* †	Galveston, Indiana
Zeichk, Esther	LAS unc		* †	Des Moines, Iowa
Zeki, Ali Ayet	EE	81	* †	Constantinople, Turkey
Zeki, Hassan Hekinet	Bus		* †	Constantinople, Turkey
Zeltman, Frederick Carl	Accy	60	* †	Alton
Zenner, George Henry	ME	4	* †	Brookfield
Zent, Lester Dale	AE	53	* †	South Bend, Indiana
Zeuch, Harriette Elizabeth	Jnl		* †	Chicago
Zick, Helen Elizabeth	LAS (SS)	88½	* †	Polo
Ziegler, Harry Hudson	Accy	32	* †	East St. Louis
Ziegler, Mary Annette	LAS	35	* †	East St. Louis
Ziegler, Mildred Elizabeth	HELAS	63	* †	Aurora
Zielinski, Norbert U	PreM		* †	Chicago
Zimmer, John W	Bus (SS)	28	* †	Champaign
Zimmerly, Isaac Preston	CE		* †	Carlisle
Zimmerly, Leonard Christ	AC	32	* †	Hope, Arkansas
Zimmerman, Bernice Maude	SS	8		Pittsfield
Zimmerman, Mrs. Julia Barrett	Flor	27	* †	Urbana
Zimmerman, Lucille	LAS	8		Biggsville
Zimmerman, Pauline	SHHEd (SS)	99	* †	Anderson, Indiana
Zimmerman, Roy	IA	54	* †	Oak Park
Zimmerman, Russell Lawton	LAS (SS)	103	* †	Bunker Hill
Zimmermann, George Waldo	LAS	95	* †	Peoria
Zimmermann, Julius Jack	PreM	32	* †	Chicago
Zimmermann, Walter Albert	Bus		* †	Peru
Zingrebe, Ray	PreL	33	* †	Dwight
Zink, Frank Joseph	Accy	105	* †	Champaign
Zitewitz, Arthur Frank	Eng	35	* †	Chicago
Zivi, Walter Marienthal	Jnl		* †	Chicago
Zivny, Joseph Charles	ME (SS)	68	* †	Chicago
Zoerb, John George	Flor	60	* †	LaCrosse, Wisconsin
Zubair, Mohammad	EE	81	* †	Pohia, India
Zwermann, Eva Margaret	LAS	103	* †	Robinson
Zwick, Anne	LAS	62	* †	Chicago
Zwick, Richard	LAS		†	Chicago



## COLLEGE OF MEDICINE

<i>Name</i>	<i>Year</i>	<i>Residence</i>
Abelson, Sol	2	Chicago
Abramson, William Frederick	4	Chicago
Adler, Julius, B.S.	5	Chicago
Albach, Maurice, B.S.	5	Chicago
Albrecht, Paul Gerhard, Ph.D., B.S.	5	Chicago
Aloivar, Ernest, B.S.	5	Chicago
Alexander, John Richardson	1	New York, New York
Alford, Frank Lambert	3	Charleston
Amberson, Henry Rex, A.B.	5	Cropesey
Amesbury, Harry Arlo	2	Santa Ana, California
Antman, Leo	2	Chicago
Anderson, Dwight Wilson	1	Oak Park
Anthony, Abel Cornelius	1	Decatur
Apple, Carl, B.S.	5	Chicago
Armitage, Ralph Boyce, B.S.	4	Chicago
Armstrong, Ray Conway, B.S.	4	Lawrenceville
Athanas, Grant Vahan, B.S.	3	Mound City
Austin, Amos	1	Chicago
Bagley, Frank Albert	1	Chicago
Baker, Alonzo Newton	1	Kansas City, Missouri
Baker, Eugene Lester, B.S.	5	Marion
Baldrige, William Odus	1	Chicago
Bancroft, Burton Richard	2	Terre Haute, Indiana
Banton, Huston	2	Mt. Carroll
Barber, Albert Carlos, Jr.	2	Mt. Zion
Barber, Cecil	2	Chicago
Bard, Reuben, B.S.	3	Rochester, New York
Bartels, Elmer Clarence	1	Chicago
Bass, Howard Harvey, B.S.	3	Hamilton, Ohio
Batko, John Benjamin, B.S.	3	Chicago
Baumgartner, George John, B.S.	5	Chicago
Beabout, Jesse Franklin	2	Forest Park
Beguesse, Hubert Hugh	2	Casey
Belnap, Hyrum Earl, B.S.	5	Trinidad, British West Indies
Belous, Leon	1	Ogden, Utah
Belting, John Theodore	2	Chicago
Belyea, Reginald Joy	2	Charleston
Bengtson, Bengt Norman, B.S.	3	Chicago
Bennett, Edmund Francis	4	Chicago
Benzie, Clinton	2	Chicago
Berardi, James Bernard, Ph.G.	2	Norway, Michigan
Bernstein, Theodore	2	Chicago
Besta, Charles John, B.S.	3	Chicago
Bigglestone, Harry Clinton, A.B.	4	Chicago
Birch, Carroll LaFleur, B.S.	4	Chicago
Blackard, William James, Jr.	1	Providence, Rhode Island
Blickhan, Norbert Alois	1	Harrisburg
Blye, Franklin Wetmore	3	Quincy
Boelio, Louis N, B.S.	3	Chicago
Bohner, Carlyle Bernard	3	Chicago
Bohrod, Milton	2	Chicago
Boikansky, William	1	Chicago
Bollman, Jesse Louis, A.B., B.S., M.S.	5	Springfield
Bolotin, Max T, B.S.	4	Chicago
Bond, Robert Emerson, B.S.	4	Harco
Bowers, Roscoe Rufus	1	Carbondale
Bown, Albert Joseph	1	Canton
Brandenburg, Kenneth Charles, B.S.	3	Chicago
Bratrude, Amos Preston, B.S.	5	Chicago
Bridegroom, Hugh Glenher	2	St. James, Minnesota
Briney, Walter Frederick, B.S.	3	Leiters Ford, Indiana
Brodboll, Nora Florence, B.S.	3	Chicago
Brough, Glen Amos, A.B., B.S.	4	Chicago
Brown, Cecil David	1	Bushnell
Brown, Florence Amelia	1	Harristown
Brown, Hyman Nathanson, B.S.	4	Chicago
Brown, Raymond Calvin	2	Chicago
Brewer, Lewis Rawlings, B.S.	3	Eldorado
Bruner, Allen Maxwell	1	Chicago
Brunkow, Charles Daniel	1	Palestine
Buhrman, William Lane, B.S.	5	Dubuque, Iowa
Bull, John Willard	3	Nashville
Bullock, Norman Charles	2	Chicago
Burns, George Creswell, B.S.	2	Roskford
Burns, Melton Burdett	4	Salt Lake City, Utah
Byers, William Mitchell, B.S.	2	Salt Lake City, Utah
Cain, Con Rice	5	Spokane, Washington
Cameron, Stuart, B.S.	1	Rantoul
Canan, Mack Clelland	3	Chicago
Caro, Marcus R	2	Chicago
Caron, Robert Paul, B.S.	1	Batchtown
Carr, Claire	5	Chicago
Carrell, William Dayton, B.S.	2	Kankakee
	3	Carbondale
		Greenup

<i>Name</i>	<i>Year</i>	<i>Residence</i>
Carwell, James, Jr.	1	Evanston
Cassidy, Harold Bernard	2	Chicago
Chestnut, Nelson Hole	2	Mason City
Ciesla, Joseph	2	Chicago
Cochran, Claude Malcolm, A.B., B.S.	6	Chicago
Cohan, Arthur R.	1	Chicago
Cohen, Abraham Emil	1	Springfield
Collins, Harold James	2	LaMoille
Collins, Loren Leslie, B.S.	4	Chicago
Colyer, Raymond G., B.S.	4	Chicago
Connelly, Marie Louise, A.B., B.S.	3	Pueblo, Colorado
Conrad, Clyde Kenneth, B.S.	4	Urbana
Cooper, Arthur Reuben, Ph.D.	4	Chicago
Cooper, William Henry	1	Dawson
Cox, Ethelbert Fitz-Randolph	2	Chicago
Crean, Chester	2	Mattoon
Cronwell, Bernhard Johannes, Jr.	2	Hanover
Crow, Robert Neil, B.S.	4	Carrollton
Curtis, William	6	Chicago
Cywinski, Casimir Arthur	1	Chicago
Davison, Claude Lorraine, A.B.	3	Peoria
Davidson, Magni, A.B.	4	Gardar, North Dakota
Davis, Irwin, B.S.	4	Belleville
Dawley, Walter Averill, B.S.	3	DeSmet, South Dakota
DeFreitas, Clement, B.S.	6	Guisana, South America
Deitchman, Morris Michael, B.S.	3	Chicago
De Lano, Percy Joseph	2	Kewanee
Dessent, Robert, B.S.	6	Chicago
Deuse, Hugo Otto, B.S.	4	Chicago
Dewhirst, Ernest Maxwell	1	Bridgeport
DiCosola, Ralph	1	Chicago
Dorman, Marion Furman	3	Peoria
Douglas, Robert James, B.S.	3	Chicago
Down, Howard Ivan	3	Odebolt, Iowa
Dunne, Numa Pompilius	1	Tucson, Arizona
Edwards, Eugene Albert, B.S.	4	South Whiteley, Indiana
Edwards, Robert William, B.S.	3	Waukegan
Edwards, Howard Milton, B.S.	6	Lee
Eliaz, Esteban	4	Candelario, Philippine Islands
Elliott, William Gibson, B.S.	1	Escanaba, Michigan
Ellie, Harry David	4	Springfield
Ellowitz, Hyman M	2	Los Angeles, California
Emmerling, Carl James, B.S.	3	Pekin
Engelhard, Herbert Harter, B.S.	3	Chicago
Epstein, Casper Morris, B.S.	3	Chicago
Epstein, David, B.S.	6	Chicago
Eshman, Louis, B.S.	4	Chicago
Eslinger, Paul Henry	2	Rushville
Etherton, Fred Snider, B.S.	4	Carbondale
Ettleson, Abraham, B.S.	4	Chicago
Eubanks, John Edward, Jr., B.S.	2	Chicago
Ewert, Earl Ernest	2	Chicago
Eye, Charles Herold, B.S.	4	Wyoming, Iowa
Fabricant, Noah Daniel	1	Chicago
Fahlstrom, Stanley Charles William, B.S.	3	Moline
Fairchild, John Edward, B.S.	3	Maywood
Fallon, Walter Raymond, Ph.G.	1	Chicago
Feldman, Louis, B.S.	6	Chicago
Fellows, Manley Fording	2	Balvidere
Ferguson, Fred Grant	1	Etna
Figueros, Liborio, B.S.	6	Humacao, Porto Rico
Fillingham, Enid, B.S.	3	Vincennes, Indiana
Finesilver, Ilia	1	Chicago
Fischer, Jacob, B.S.	4	Chicago
Fisbel, John Virgil	1	Cienc
Fishman, Louis Zolio	1	Chicago
Florin, Alvin Christian, B.S.	3	Fountain City, Wisconsin
Flynn, John Francis, B.S.	4	Chicago
Flynn, Robert William, B.S.	4	Chicago
Fox, Chester Philip, B.S.	4	Chicago
Franklin, Dorothy Miriam, A.B.	1	Tucson, Arizona
Frensel, Walter Charles, B.S.	6	Wausau, Wisconsin
Furness, Carl	3	Sullivan
Gaberman, Peter	1	Chicago
Gasser, John Jacob, B.S.	4	Chicago
Gellentien, Carl Herman, B.S.	3	Chicago
Gerdes, Galen Glen	1	Chicago
Gevirts, Milton B., B.S.	4	Whiting, Indiana
Gibbel, Jonathan Paul	3	Girard
Gilbert, Ivan, B.S.	4	Oakland
Giryotas, Emelia Josephine, A.B.	2	Cicero
Giryotas, Stanley Joseph	2	Cicero
Glasgow, Glenn Earl	1	Hanna City
Glassoff, George Samuel	4	Chicago
Glickman, Leo Grant, B.S.	4	Chicago

<i>Name</i>	<i>Year</i>	<i>Residence</i>
Goebel, Russel Walter, B.S.	4	Chicago
Goff, Charles Weer, B.S.	5	Davenport, Iowa
Goldberg, Abraham Hyman	1	Chicago
Goldberg, Samuel Silas	2	Chicago
Golub, Hyman William	2	Chicago
Gorfinkle, Leon Harold	1	Chicago
Goodwin, Marcus, B.S.	5	Chicago
Grabarski, Edward Albert	1	Chicago
Graham, Kenneth Donald, B.S.	3	Carrington, North Dakota
Greeley, Paul Webb, A.B.	1	Waterman
Greengard, Joseph, B.S.	5	Chicago
Groos, Harold Quinten, B.S.	4	Chicago
Groot, James Tobias, B.S.	5	Chicago
Groves, Robert Roy, B.S.	4	Berkeley, California
Guttman, Maurice, B.S.	4	Chicago
Hadden, Shirley Louis, B.S.	5	Chicago
Hahn, James Pendleton, B.S.	5	Greenville, South Carolina
Haley, Paul Edward	1	Woodstock
Hall, Andy, Jr.	2	Mt. Vernon
Hall, Earl Hopkins, B.S.	5	Oconto, Wisconsin
Halperin, Isadore	2	Chicago
Halpern, Louis Joseph, B.S.	4	Chicago
Hantover, Matthew James	2	Chicago
Harper, LeRoy	2	Milwaukee, Wisconsin
Harman, Hubert	3	Sparta, Wisconsin
Harris, Harry Clay	2	Birmingham, Alabama
Harris, Richard August, B.S.	5	Quincy
Harris, Sigil Clance	4	Wilmot, South Dakota
Harter, Joseph Albert, B.S.	3	Chicago
Hatzis, Peter Nicholas	2	Chicago
Hawkins, Herman Wientzel	3	Henry
Healy, Cornelius Edward	1	Chicago
Hedberg, Carl	2	Chicago
Hedges, Lafayette Abbott, B.S.	3	Galena, Kansas
Herron, Earl	1	Chicago
Hill, Lewis Rowland, M.S.	2	Carthage
Hoffman, Samuel Julius	3	Chicago
Holt, Mrs. J	Unc	Chicago
Horsky, Broake	4	Helena, Montana
Hoskins, James Howard, B.S.	5	Rolla, North Dakota
Hotz, Carl Julius Henry	1	Marissa
Howell, James	1	Elgin
Hruby, Frank Edward	2	Chicago
Hubbard, Roger Wolcott	2	Kankakee
Humiston, Homer Wheeler, B.S.	3	Chicago
Huston, Hubert Spangler, Ph.G.	1	Chicago
Hutchens, Lucius Lester	1	White Hall
Iglowitz, Max	2	Chicago
Imbierski, Stanley J, B.S.	5	Chicago
Inman, Richard Frank, Jr., B.S.	3	Chicago
Isenhardt, Lawrence Francis	2	Chicago
Jackson, Thomas, B.S.	2	Chicago
Jacobson, Herman Alfred	1	Chicago
Jacobson, Jacob Robert	2	Chicago
Jacobziner, Harold Morris, B.S.	3	New York, New York
James, Walter Franklin	2	Champaign
Jameson, Paul Vadelin	3	Spanish Fork, Utah
Janicki, Stanley Florin, B.S.	5	Chicago
Jerkowsky, Morris Solomon, B.S.	4	Chicago
Jodar, Emery Orville	1	Chicago
Johnson, Claiborne Elijah	1	Chicago
Johnson, Clarence	3	Larimore, North Dakota
Johnson, Harvey Chester, B.S.	5	Superior, Wisconsin
Johnson, Howard Reynolds, B.S.	4	Bishop Hill
Johnson, John Robert, B.S.	4	Decatur
Johnson, Reinhold Enoch, B.S.	3	Chicago
Johnson, Russell, A.B., B.S.	4	Clinton, Iowa
Jones, Ernest Eugene, B.S.	3	Chicago
Jongewaard, Jeanette	5	Orange City, Iowa
Jordan, Donald Voorhees	1	Minneapolis, Minnesota
Jurgens, Johannes John	2	Savanna
Kaminsky, Hyman, B.S.	3	Chicago
Kaplan, Hyman Joseph	1	Champaign
Kaplan, Samuel, B.S.	4	Chicago
Karbelnig, Morris, B.S.	5	Chicago
Karabin, Andrew LeRoy	1	Chicago
Karlin, Isaac, B.S.	5	Chicago
Katzman, George Manuel, B.S.	3	Chicago
Kearns, Jerry Joseph	2	Chicago
Kellogg, Douglas Sheldon, B.S.	4	Des Moines, Iowa
Kelly, Edward Joseph	5	Chicago
Kelso, Raymond William, R.Ph.	2	Chicago
Kennedy, Rudolph Francis	1	Chicago
Kenny, William Lloyd, B.S.	4	Pontiac
Kilgore, Benjamin Franklin, B.S.	4	Des Moines, Iowa
Killingier, Donald William	2	Joliet

<i>Name</i>	<i>Year</i>	<i>Residence</i>
King, Pas G. B.S.	4	Chicago
Kionka, Paul Frederick	2	Melrose Park
Kishpaugh, Harold William	1	Wyanet
Kistner, Arthur Wesley	1	Elkhart, Indiana
Klein, Jacob, B.S.	5	Chicago
Kleinman, Bernard Samuel, B.S.	3	Chicago
Kobak, Alfred, B.S.	6	Chicago
Koehler, Elmer George	2	Chicago
Kohlhagen, Olive Elizabeth	1	Frankfort
Kopple, Abraham Louis	1	Chicago
Kraut, Harry	1	Chicago
Krembs, Ferdinand Richard, B.S.	6	Stevens Point, Wisconsin
Kroeger, Clarence Roland	2	Tucson, Arizona
Kronenberg, Milton, B.S.	4	Chicago
Kuner, Samuel, B.S.	3	New York, New York
Lans, Nathaniel Benjamin, B.S.	6	Chicago
Lansche, Elmer Arnold, B.S.	6	Brighton
Lauer, Calvin Albert	1	Chicago
Lauten, William Frederick	1	Chicago
Law, Philip Montgomery	2	Chippewa Falls, Wisconsin
Lazar, Nathan K	2	Chicago
Ledford, Roy Merl, B.S.	3	Harrisburg
Lee, Seymour Rowland	2	Howard, South Dakota
Leitch, Neil McLean, B.S.	4	Toulon
Lenit, Harold Walter	6	Chicago
Lenth, Vincent James Thomas	4	Evanston
Lenzen, Aloysius Francis, B.S.	4	Peru
Lesch, Jule Curtler	1	Chicago
Lester, Rollin Harold	2	Kewanee
Levin, Benjamin Mordecai	6	Chicago
Levin, Maurice	2	Chicago
Levin, Samuel Arthur	2	Chicago
Levy, Benjamin, B.S.	3	Chicago
Levy, Jacob	2	Brooklyn, New York
Levy, Mayer Harold	1	Chicago
Liebeler, Wilbert Ashton, B.S., A.B.	4	Langdon, North Dakota
Lifshin, Jacob Aaron	2	Chicago
Lifschultz, Leo	1	Chicago
Lifvendahl, Richard Axel, B.S.	4	Chicago
Lipsett, Edward Maurice, A.B.	3	New York, New York
Littig, John James	1	Rock Island
Litton, Louis, B.S.	6	Chicago
Lorance, Luther Mohler, B.S.	3	Robinson
Lorfeld, Gerhard William	6	Sheboygan, Wisconsin
Lowe, John William	6	Whitehall, Wisconsin
Lucas, Frank Blackburn, B.S.	6	Chicago
MacCormack, Donald Maxwell, B.S.	3	Whitehall, Wisconsin
McCradie, Raymond Stewart	3	Hendrum, Minnesota
McDaniel, Lee Roy	2	Martinsville
McDaniel, Paul Howard	2	Martinsville
McGee, John Paul	1	Marion Center, Pennsylvania
McGrath, Floyd Lawrence, B.S.	6	Savanna
McIntire, Emery J, B.S.	2	Kansas City, Missouri
McIntyre, Eldoridge Albert	6	Mendota
McKinetry, John William, B.S.	3	South Bend, Indiana
McMillan, Foster Lamont	1	Marietta
McMillan, John Charles, Jr., B.S.	3	New Berlin
McNally, Andrew, B.S.	4	Chicago
Magill, Clark Russell William, B.S.	6	Sullivan
Maher, Chauncey Carter, B.S.	6	Payson
Mailer, Andrew Robert	3	Chicago
Malnekoff, Ben Jack	6	Milwaukee, Wisconsin
Mann, William Alfred, B.S.	6	Wilmette
Mar, Severo Francisco, B.S.	4	Tampico, Mexico
Marcusson, William Beringer, Jr., B.S.	4	Oak Park
Margoles, Jesse, B.S.	4	Uniontown, Pennsylvania
Marks, Jacob Louis	1	Chicago
Marsh, Howard LaRue, B.S., M.S.	3	Oil City, Pennsylvania
Marshall, Alexander George	2	Chicago
Maryan, Harry Oliver, B.S.	6	Chicago
Maslow, Leo, B.S.	3	Chicago
Mason, John Cyrus	1	Rossville
Mathre, Albert Ilmer, B.S.	4	Chicago
Meals, Robert Woodruff, B.S.	4	Peoria
Mearns, Jack Greene	1	Kalamazoo, Michigan
Mercer, Alonso Maceo, B.S.	3	Chicago
Merchant, Henry Alpheus	4	Lexington, Kentucky
Meyer, Raymond John, B.S.	4	Chicago
Meyerson, Solomon, B.S.	3	Chicago
Miller, Clayton O, B.S.	3	Wyoming, Illinois
Milles, George, Ph.G.	1	Chicago
Milles, Morton Joseph, B.S.	6	Chicago
Mishkin, Herman Louis, B.S.	3	Chicago
Moen, Cornetta Grothaus	6	Chicago
Mohr, Truman Jacob, B.S.	3	Van Wert, Ohio
Monteson, Apolonio Fermin, B.S.	6	Tacloban, Philippine Islands

<i>Name</i>	<i>Year</i>	<i>Residence</i>
Moon, John Frank, B.S.	4	Chicago
Mora, Jacob Morton, B.S.	4	Chicago
Moxon, George William, B.S.	3	Stevens Point, Wisconsin
Mulcahy, John P., B.S.	4	Chicago
Mullen, Timothy F., Jr.	2	Chicago
Nabitowsky, Philip Morris	1	Chicago
Nassatir, Azor Victor, B.S.	6	Chicago
Nash, Herbert Thomas	1	Chicago
Neiberg, Carlton Maurice	4	Pittsburgh, Pennsylvania
Neiman, Aaron, B.S.	3	Chicago
Nelson, Samuel Bennett	2	Chicago
Newman, Melvin Max, B.S.	6	Chicago
Nielsen, Evelyn Owens	6	Chicago
Nielsen, Johannes, B.S.	6	Chicago
Notinger, Louis	3	Chicago
Nowlin, Owen Wendell Emen, B.S.	4	Farmer City
Nowlin, Wilfred Jonathan	2	Farmer City
Novak, Julius B.	3	Chicago
O'Hara, Clarence M., B.S.	4	Madison, Wisconsin
Okada, Haruto	1	Champaign
Olson, Carl Lester Elmer	2	Pacific Junction, Iowa
Ozonoff, Jacob Borah	3	Chicago
Parmacek, Louis	1	Chicago
Pavlin, Otto Bohemil, B.S.	3	Chicago
Pawlich, Otto Victor, B.S.	3	North Freedom, Wisconsin
Peluse, Samuel	2	Chicago
Perman, Louis W.	4	New York, New York
Peterson, Herbert	3	Minneapolis, Minnesota
Peterson, Ralph Otis	1	Galva
Pfeifer, Oliver Conrad, B.S.	3	Mascotah
Picard, Arthur Paul, B.S.	4	Chicago
Pieczynski, John Leo, B.S.	3	Chicago
Pierce, Harrison Morton, B.S.	6	Madison, Wisconsin
Piit, Gaudencio Eulalio, B.S.	6	Cagayan, Misamis, Philippine Islands
Pintzow, Michael Zelman	2	Chicago
Polse, Max Louis, A.B.	2	Redding, California
Ponzer, Emma, A.B., B.S.	3	Henry
Porter, Elza Carl	2	Portsmouth, Ohio
Potts, Albert LeRoy, B.S.	6	Honey Bend
Poulson, Charles T.	4	Armour, South Dakota
Prehn, Fred G., B.S.	3	Wausau, Wisconsin
Pumphrey, Loira Cromwell	2	Carthage
Quillman, Frank L.	1	Benton
Ralston, John Francis, B.S.	4	Rock Island
Randolph, Charles Ethelbert	1	Sheldon
Raymond, Sidney Wallace	2	Chicago
Reeves, Dwight Coleman, B.S.	6	Monticello
Reinhard, Otto Andrew, B.S.	6	Cullum
Reutner, Theodore Ferdinand, B.S.	6	Effingham
Richter, Oscar, B.S.	3	Chicago
Rinehart, William G., Ph.G., B.S.	3	Chicago
Rissinger, Arthur Joe, B.S.	6	Mason City
Richburg, Louis Allan	1	Centralia
Richburg, Welton Edwin	1	Centralia
Roan, Charles	2	Chicago
Roberts, Dewey Minnis, B.S.	4	Lakewood
Robertson, Elizabeth June	1	Chicago
Robertson, Robert Crawford, B.S., A.B.	4	Coullerville
Robertson, Russell Lindsay	2	Mt. Morris
Robertson, Thomas Sanderson, B.S.	4	Chicago
Robinson, Leon Edward	2	Rock Island
Rogers, Jesse P., B.S.	4	Pittsburgh, Pennsylvania
Rooney, Eugene John	2	Chicago
Rosenberg, Robert	2	Chicago
Rosenbloom, Harold H., B.S.	3	Chicago
Rosenblum, Abraham Irving	2	Chicago
Rosenblum, Albert Frank	1	Chicago
Rosenblum, David, B.S.	4	Los Angeles, California
Rosenblum, Samuel, B.S.	3	Chicago
Rosengard, Jerome	3	Chicago
Ross, Hector Morrison	3	Chicago
Rubenstein, Joseph, B.S.	4	Chicago
Russell, Thelma Leota	2	Kansas City, Missouri
Ryan, Lawrence Donat, B.S.	3	Kewanee
Ryder, Bruce Ivan	2	Bradford
Saltiel, Thomas Paine, B.S.	6	Chicago
Santos, Juan Cuiugan, B.S., A.B.	3	San Fernando, Pamanga, Philippine Islands
Sarnoff, Herbert Spencer	1	Chicago
Sarvan, James David, A.B.	2	St. Petersburg, Florida
Sayre, Bernard	6	Chicago
Schafer, Robert, B.S.	6	Chicago
Schechter, William, B.S.	4	Chicago
Schinberg, David, B.S.	4	Chicago
Schneider, Adolph Edward	1	Chicago

<i>Name</i>	<i>Year</i>	<i>Residence</i>
Schori, John Wheeler	2	Elmwood
Schorr, Arthur Melville	1	Chicago
Schroeder, Sophie Willene	1	Kankakee
Schultz, Louis William, D.D.S.	3	Chicago
Scott, Thomas Craig	4	Lexington
Sculley, Jesse Castevens, B.S.	3	Brookings, South Dakota
Seid, Reuben	2	Chicago
Seinfeld, Samuel Gero	2	Chicago
Selden, Bryant	2	Durand
Seletz, Rose Rachel	3	Bedford, Indiana
Sender, Frank Robert	2	Chicago
Seuerian, Arshag	3	Ripon, Wisconsin
Shalla, Leon Stanley, B.S.	3	Chicago
Shapiro, Sherman Lawrence, B.S.	4	Chicago
Shifrin, Max, B.S.	3	Chicago
Shore, Samuel	3	Chicago
Shurtz, Richard Charles	2	Chicago
Shurtz, William Gooding	3	Hawarden, Saskatchewan
Sideman, Sidney	1	Chicago
Sigalowa, Dwoira Gershawa	2	Russia
Singer, Harry	4	Chicago
Skarperud, Arthur, B.S.	5	Mayville, South Dakota
Slutskin, Sergius F	1	Chicago
Smejkal, Frank John, B.S.	4	Chicago
Smith, Beulah Marie, B.S.	4	Chicago
Smith, Charles Raimor, B.S.	4	Chicago
Smith, Horace Frederick	3	Georgetown
Smith, John Frederick	4	Winnatka
Smith, Wilbur Childress	2	Montpelier, Ohio
Snively, Ralph S, B.S.	4	Lawrenceville
Sodaro, Joseph Clarence, B.S.	5	Sterling
Sodaro, Nicholas Ernest	1	Aurora
Sokol, Louis Irwin	1	Chicago
Solomon, Alfred P, A.B.	4	Chicago Heights
Stamler, Allan Erwin, B.S.	3	Chicago
Steckbauer, Clifford Earle, B.S.	3	Chicago
Steinert, Lars Eric Theodore, B.S.	3	Chicago
Stein, Clarence Cornelius	1	Ciene
Steinman, Floyd Hugh, B.S.	3	Roberts
Stephens, Harry Hart, B.S.	3	Chicago
Stephens, Leland Clare Joseph	1	Joliet
Stoll, Charles Gilbert	2	Laurenceville
Stollar, Clyde Peter	1	Rockford
Stoops, Richard Boothby, B.S.	5	Ipavia
Streicher, Michael Henry, B.S.	4	Chicago
Sugar, Sol Ascher, B.S.	3	Chicago
Sugars, Roy Thomas, B.S.	3	Chippewa Falls, Wisconsin
Sukumlyn, Stephen Williams	3	Kief, North Dakota
Sutch, Vincent J, B.S.	4	Chicago
Switzer, Lars Waldorf	2	Ludington, Michigan
Talbot, Harry George, B.S.	4	Milton, Wisconsin
Tarry, George William	1	Chicago
Taylor, Eugene Emmerson	2	LeRoy
Taylor, James Sherwood	1	Ashland
Tenczar, John Francis	2	Chicago
Thomas, Joseph Hancock, B.S.	4	New Douglas
Thornton, Maurice John, B.S.	4	South Bend, Indiana
Thurston, Alvin Stewart, B.S.	4	Maywood
Tippet, Walter Pierson, B.A.	4	Appleton, Wisconsin
Toeffer, Raymond August, B.S.	4	Oregon, Wisconsin
Topping, Malachi Comos	1	Terre Haute, Indiana
Tracy, Grover, A.B.	2	Chicago
Tranter, Paul W	5	Armour, South Dakota
Turner, Edward Claude	2	Savanna
Tygett, Glenn Joseph, B.S.	5	Jonesboro
Uthoff, Carl Joseph, B.S.	4	Oak Park
Vener, Hyman, B.S.	4	Los Angeles, California
Vincent, Helen Ruth	3	Oak Park
Vogel, Samuel Alexander, B.S.	5	Superior, Wisconsin
Waggoner, Charles Van	2	DeWitt, Iowa
Waldman, Leonard Francis	1	DuBois
Wead, John Trimmer	5	Wyoming
Wegrzyn, Louis Stanley	1	Elizabeth, New Jersey
Wehringer, Henry George, B.S.	5	Chicago
Weinbaum, Abraham M	3	Chicago
Weiner, Samuel, B.S.	4	Chicago
Wessels, Marie, B.S.	5	Quincy
Western, Fred Burnham	1	Charleston
Wiese, Max Edward	2	Fresno, California
Wilke, Carl August, B.S.	4	Blue Island
Williams, Wilburn Jewell	1	St. Louis, Missouri
Williamson, Wayne Shepherd	3	Hillsboro
Winston, Woody Maurice	3	Chicago
Witters, Josef E	2	Grand Rapids, Michigan
Wong, David Marndel, B.S.	3	Chicago

<i>Name</i>	<i>Year</i>	<i>Residence</i>
Wood, Cordelle Atherton, B.S.	6	Amboy
Wood, Wilbur Stuart, B.S.	4	Decatur
Yahya, Mohammed Abbass, B.S.	6	Aramon, Syria
Yancovsky, Samuel	3	Chicago
Yockey, John Clarence, B.S.	4	Monticello
Young, Edmund V, B.S.	4	Aurora

## COLLEGE OF DENTISTRY

<i>Name</i>	<i>Year</i>	<i>Residence</i>
Addes, Michael William	3	Chicago
Adducci, Dominic Edward	3	Chicago
Alexander, David Shepard	4	Chicago
Andree, Henry Francis	2	Chicago
Asher, Sidney	4	Chicago
Barnes, George Francis	4	Whitehall, Montana
Baxter, Robert Knighton	4	Chicago
Benbow, Frank William	2	Chicago
Bergh, Olof Theodor	1	Malmback, Sweden
Bernstein, Harry	1	Chicago
Beshshur, Isbir Kalil	1	Bourj Safita, Syria
Bez Kostny, Frank	4	Chicago
Birkhaug, Trygve Johan	4	Chicago
Blinder, Helen, D.D.S.	Unc	Kieff, Russia
Braamer, Carl Edwin	1	Viola
Braun, Irvin Charles	1	Chicago
Brown, Herman Napoleon	1	Chicago
Brunson, Carl Littlefield	4	Fort Wayne, Indiana
Byrne, Webster Edward	4	Harrisburg
Calhoun, Earl John	1	Grand Rapids, Michigan
Canada, James M	1	Elkader, Iowa
Cavanaugh, Daniel Patrick	2	Rock Island
Cleveland, Charles Pearson	4	Bushnell
Clothier, Ernest Jacob	4	Rockford
Coggan, Kenneth Mills	4	Homer
Coleman, Harold Newell	1	Chicago
Crawshaw, Earl Harwood	1	Chicago
Creek, Loverne Wallace	2	Villa Grove
Crismyre, Vernon Carroll	3	Chicago
Davis, Thomas Edward	4	Benton
Deatherage, Charles Floyd	1	Waverly
Doolen, Deane Elmo	4	Champaign
Downs, William Benham	2	Batavia
Draper, William Alexander	3	Clinton
Drenning, Eugene James	3	Joliet
Drummond, Harold Arthur	4	Chicago
Dunlop, Henry D	3	Madras, British India
Elder, Thomas Croswell	2	Watseka
Englejohn, Elmer Herman	4	Bloomington
Epstein, Judith Simonova	4	Kenosha, Wisconsin
Ewell, Willis Gene	3	Chicago
Galvin, Malcolm Errett	1	Glendive, Montana
Gans, Louis, B.S.	3	Selma, Alabama
Gilbert, Arthur Abbott	3	Pana
Goldstein, Abraham	4	Chicago
Gollendberg, Kheenia	4	Kremenetz, Russia
Greene, Ernest Addison	1	Rome, Georgia
Grissom, Leo Leslie	2	Decatur
Grubman, Hyman Arnold	2	Chicago
Hallgren, Edward Rudolph	3	Chicago
Harvey, Ralph Frame, B.S.	4	Chicago
Hedges, Leroy Ellis	4	Chicago
Heller, Max	4	Brooklyn, New York
Horowitz, Nathan	1	Nieswies, Poland
Houghton, Albert Wayne	2	Osceola, South Dakota
Humble, Thomas William	3	Chicago
Jennings, Percy Howard	4	Chicago
Jentsch, Richard Alvin	2	Chicago
Jilicek, Hazen Stewart	1	Detroit, Michigan
Johnson, Andrew John	3	Ishpeming, Michigan
Johnson, John Wallace	3	Faulton, South Dakota
Jones, George Orville	3	Chicago
Jones, Thomas Hampson	4	Watervliet, New York
Jones, Thomas Lloyd	1	Aurora
Kanter, Nathan	3	Chicago
Katz, Eva Shapiro	4	Ardatoff, N. G., Russia
Katz, Hannah	4	Warsaw, Russia
Katz, Mollie	1	Warsaw, Russia
Keller, Vernon Seth	4	Brigham City, Utah
Kesel, Robert George	2	Aurora
Kirsten, Philip John	2	Chicago
Knudtson, Kermit Frederick	1	Chicago

<i>Name</i>	<i>Year</i>	<i>Residence</i>
Kobrie, John R	1	Prague, Austria
Kolar, George Franklin	3	La Grange
Kopriva, Edward Louis	4	Chicago
Kuhlman, Ernest William	4	Peoria
Ladwig, Walter C, A.B.	2	St. Joseph, Michigan
Laporte, Richard Clement, A.B.	1	Detroit, Michigan
Laswell, Donald Lycurgus	1	Decatur
Lazarski, Casimir Paul	4	Chicago
Lerner, Samuel Harry	4	Chicago
Levin, Maurice	4	Chicago
Levine, Maurice Harold	4	Chicago
Levy, Saul	2	Scranton, Pennsylvania
Linane, Francis John	4	Chicago
Little, Elmer Phelps	2	Champaign
Luck, Charles Carlton	1	Chicago
Malecek, Joseph Frank, Jr.	4	Chicago
Mankowski, Waclaw Marion	1	Chicago
Matula, George	Unc	Chicago
Merryman, George Thomas	3	Marshalltown, Iowa
Moresky, Benjamin	4	New Castle, Pennsylvania
Moscovitz, Samuel	1	Chicago
Mugerdichian, Dickran	2	Chicago
Muttart, John William	1	Chicago
Naselli, Emilio George	2	Chicago
Neber, Laurence	2	Carbondale
Nilles, Joseph	3	Echternach, Luxembourg
Novak, Joseph Charles	4	Chicago
Olzewski, William Daniel	1	Chicago
Paguio, Abdon Q, D.D.S., M.D.	4	Zambales, Philippine Islands
Palmbaum, Julius	4	Chicago
Paris, Paul James	4	Murray City, Utah
Peterson, William	2	Chicago
Plants, James Forrest	4	Faulton, South Dakota
Plater, Wade Richard	4	Vienna
Ritter, Lyman	4	Mt. Carmel
Robbins, Edward George	4	Redfield, South Dakota
Robeson, Foster Garnett	4	Minot, North Dakota
Rost, Theodore A, B.S., M.D.	4	Chicago
Sack, Joseph Alexander	4	Chicago
Salk, Charles Maurice	4	Chicago
Samors, Josef	1	Streator
Saxon, Harry	4	Chicago
Sayles, John Frank	1	Vandalia
Scheetman, Maurice	4	Chicago
Schmitt, Gustave Rudolph	2	Nashville
Schneiderman, Maxim	4	Chicago
Schour, Isaac, B.S.	4	Chicago
Schwarz, Theodore Gottfried	2	Chicago
Serritella, William James	4	Chicago
Shaykin, Jacob	4	Chicago
Siemer, Frederick William	4	Carrollton
Simms, William Amos	2	Chicago
Singleton, Roscoe Elwood	4	Springfield
Skupa, Arthur James	4	Chicago
Smith, Robert	4	Chicago
Smollar, Samuel	4	Chicago
Speckhard, Eric George	4	Bay City, Michigan
Stange, Harold J	1	Oak Park
Stanton, Robert	1	Chicago
Stewart, Owen Mets	4	Mesa, Arizona
Stoker, Clyde Thomas	3	Salt Lake City, Utah
Thompson, Kay L	2	Chicago
Tennark, Conmen	4	Chicago
Totten, Oliver Capitaine	2	Chicago
Tylski, Walter William	4	Chicago
Walsh, Michael Hugh	4	Gary, Indiana
Wendelsdorf, Chester Willis	4	Chicago
White, Mathilda J	4	Bend
Whitfield, Robert Hamilton	1	Oak Park
Wiecek, Michael Frank	1	Chicago
Wilcox, Paul	4	Columbia City, Indiana
Wilneff, Max	4	Chicago
Wishneff, Ralph	4	Chicago
Wygodski, Berko	3	Minsk, Russia
Yonover, Nathan	4	Chicago
Young, Frank George	4	Chicago
Young, William Cyrus	4	Chicago
Zahrobsky, William John	1	Chicago
Zak, Edwin James	4	Chicago
Zeigler, William James, A.B.	4	Chicago
Zoellner, Gilbert Otto	4	Waupun, Wisconsin



*University of Illinois*  
SCHOOL OF PHARMACY

<i>Name</i>	<i>Year</i>	<i>Residence</i>
Adams, Thomas Raymond	2	Wilmette
Adkisson, Charles Howard	1	Chicago
Alderman, Abe Meyer	2	Chicago
Alexander, Richard Joy	1	Streator
Almond, Albert N	1	Aurora
Anderson, Carl Bertal	2	Chicago
Anderson, Ralph Edwin	1	Farmington
Anderson, Vernon Orville	1	Geneva
Angerame, Vito Nicholas	1	Chicago
Applegate, Kenneth Harold	1	Macomb
AuBuchon, Harry Fielding	2	Chicago
Bach, Peter Alexander <sup>1</sup>	1	Chicago
Baewsky, Leo	2	Chicago
Balais, Daniel Pavino	2	Lucban, Philippine Islands
Balin, Meyer	1	Chicago
Barron, Raymond	1	Ottawa
Barryee, William Bannister	2	Chicago
Bashaw, Charles Wilbur	1	Savanna
Bass, Paul Brian	1	Olney
Basta, Rudolph	1	Chicago
Baum, Josephine Lorraine	2	Chicago
Baumrucker, Edwin Ferdinand	1	Chicago
Beecher, Mervin Newton	1	Yorkville
Beller, Jacob	2	Chicago
Benson, William Randolph	1	Chicago
Berlin, Leo	2	Chicago
Berman, Charles	2	Chicago
Berman, Harry	2	Chicago
Berry, Lucian Scott	2	Ashley
Besta, Theodore James	2	Chicago
Bilski, Ladislaus Aloysius	2	Cicero
Blann, Ralph Guy	2	Evanston
Bobek, Edward Frank	1	Chicago
Bogot, Eugene Isadore	2	Chicago
Borg, Joseph Samuel	1	Chicago
Bost, Ward Ellis	1	Hillsboro
Brethauer, Homer John <sup>1</sup>	2	Nashville
Brody, Samuel Adams	2	Chicago
Brown, Harvey Eugene	2	Aurora
Brown, Jerald Meyer	1	Chicago
Brown, Leo	1	Chicago
Bryant, William Shepard	1	Chicago
Burger, Frederick Raphael	1	Elgin
Burns, Ocie Romey	2	Chicago
Burns, Milton Edward	2	Elgin
Byrne, Emmet Robert	1	Chicago
Caron, Eldred Joseph	1	Oak Park
Caron, Evelyn Mazie	1	Oak Park
Castellano, Michael	1	Chicago
Chamberlin, Lloyd Edwin	1	Calhoun
Chandler, Joel Wiant	1	Area
Checklin, David Paul	2	Peoria
Chez, Maurice Miller	1	Chicago
Choisser, Cuthbert Welcome	1	Eldorado
Choisser, Joseph Milton	2	Eldorado
Cizek, Clarence Joseph	1	Chicago
Clemmons, Daniel Grant	1	Barron, Wisconsin
Cohen, Eugene Nathan	1	Chicago
Cohl, Henry Alvin	2	Chicago
Collins, Joseph Daniel	1	Kankakee
Collins, William Eichenberger	1	DuQuoin
Cooperman, Harry	2	Chicago
Crawford, Thomas George	2	Oak Park
Crooks, John French	2	Remselaer, Indiana
Curran, Catherine Marie	1	Chicago
Cushna, August	1	Chicago
DeGrazio, Joseph Anthony	2	Chicago
DePrima, Anthony	1	Chicago
Dieterichs, Clarence Edgar	2	Chicago
Dintzia, Samuel Morris	1	Chicago
Doubek, Rudolph John	2	Chicago
Drwenski, Edwin	1	Chicago
Durin, Gilbert Ethan	1	Chicago
Earl, Arthur Marshall	1	Nora
Eaton, Olyn Edward <sup>1</sup>	2	DuQuoin
Eckart, Louise Amanda	1	Chicago
Edelman, Samuel	1	Chicago
Eisenbart, Martin Herbert	2	Chicago
Eisenga, Robert Richard	1	Streator
Elliott, Walter Alexander	1	Chicago
Engerman, Maurice	2	Chicago

<sup>1</sup>Second semester.

<i>Name</i>	<i>Year</i>	<i>Residence</i>
Epstein, David	1	Chicago
Erenburg, Morris Lionel	1	Chicago
Factor, John Emmett	2	Mt. Sterling
Fallick, Edward	2	Chicago
Feldman, Irving	1	Chicago
Fiddelke, Willis Burton	1	Chicago
Fine, Jacob	1	Chicago
Finkel, Isador	1	Chicago
Finkelstein, Jack Lester	1	Chicago
Flaningham, William Donald	1	Champaign
Flaschen, Hyman Herman	2	Chicago
Fogelson, Bernard Charles	2	Chicago
Forbrich, Joseph Andrew	1	Cicero
Foster, Armond Thomas	1	Princeville
Fox, Clarence Edward	1	Chicago
Fox, Isadore	1	Chicago
Frank, Morris	1	Chicago
Freud, Jerome	1	Chicago
Furmaniak, Cecelia	1	Chicago
Galatzer, Barney	1	Chicago
Galibter, Minnie	2	Chicago
Gillmore, Roscoe William <sup>1</sup>	2	Mattoon
Giudici, Satur Nino Paul	1	Charleston
Glass, Isaac Merle	2	Springfield
Glatt, Milton Melvin <sup>1</sup>	1	Chicago
Glenn, Oliver Joseph	1	Chicago
Goldberg, David Seymour	2	Chicago
Goldberg, Isadore	1	Chicago
Goldenson, Harold Milton	1	Chicago
Goldsmith, Bernard Gustave	2	Chicago
Goldsmith, Max	1	Chicago
Goldstein, Abe	1	Chicago
Goldstein, David <sup>1</sup>	2	Chicago
Goldstein, Hilda	2	Chicago
Gordon, Jack	2	Chicago
Goslin, Leslie Harry	1	Streator
Greenfarb, Hyman	1	Chicago
Greenwald, Theodore Harris	1	Chicago
Gregg, Paul Jennings	2	Carbondale
Grinker, Sidney	2	Chicago
Gwizdalski, Casimir Bronislas	2	Chicago
Haas, John Joseph	1	Amboy
Haerberle, Harold H	2	Broken Bow, Nebraska
Halford, Roy Wesley	1	Chicago
Hammer, Viola Rose	2	Glencoe
Harris, Garford Richard	2	Cartersville
Harrison, James Elsworth	2	Harrisburg
Hathaway, Robert John	1	Chicago
Heiman, Irving	1	Chicago
Hennessy, James Joseph	2	Chicago
Herman, Mandel	2	Chicago
Hiller, Joseph Lloyd	1	Carbondale
Hillman, David	1	Chicago
Hodosh, Louis Irving	2	Chicago
Holland, Matthew Philip	1	Chicago
Horwitz, Abe	1	Chicago
Horwitz, Ruben	2	Chicago
Hynes, Barbara Ellen	1	Chicago
Hypes, George William, B.S., 1916	1	Cambridge, Ohio
Idleman, Burley C	1	Kansas
Indovina, Anthony Vincent <sup>1</sup>	2	Chicago
Irving, Albert Gregg	2	Chicago
Jabusch, Arthur Elmer <sup>1</sup>	2	Chicago
Jabusch, Roy Louis	1	Chicago
Jacks, Robert Lytle	1	Peoria
Jacobs, Julius Louis	1	Green Bay, Wisconsin
Jakubec, Charles Andrew	2	Chicago
Jakubowski, Anton Joseph	1	Chicago
Jarecki, Chester Anton	1	Chicago
Jaskowiak, John Stanley	1	Chicago
Jenkins, James Hobart	1	Mounds
Jennings, Harold Francis	1	Chicago Heights
Jewell, Leonard Riley	1	Chicago
Johnson, Milton Burdell	1	Chicago
Jones, John Hubert	1	Cartersville
Josephson, Stanley Arnold	1	Chicago
Kallison, Morris Bud	2	Chicago
Kaplan, Maurice Leon	2	Chicago
Kastel, Sam	1	Chicago
Katz, Meyer Arnold	1	Chicago
Kaufman, Fred	1	Chicago
Keever, Ralph Elbert	2	Marietta
Kessler, Charles	1	Chicago

<sup>1</sup>Second semester.

<i>Name</i>	<i>Year</i>	<i>Residence</i>
Kessler, Oscar Bernard	2	Chicago
Kessler, Wilkin Coulter <sup>1</sup>	1	Robinson
Kharasch, David	1	Chicago
Kimbro, Arvil Summerill	2	Anna
Kirgis, Frank Joseph	2	Chicago Heights
Kirschenbaum, Isadore	2	Chicago
Kirshenbaum, Eli	2	Chicago
Klein, Harry Arthur	1	Chicago
Klink, Irvin Peter <sup>1</sup>	2	Chicago
Klos, Marian Albert	1	Chicago
Koci, Ervin William	1	Chicago
Kocour, Leslie James	2	Chicago
Kodera, James Charles <sup>1</sup>	2	Chicago
Kohout, Frank James	1	Chicago
Kopp, Louis Henry	2	Chicago
Kravetz, Edward	2	Athens
Krinsky, Joseph Masal	1	Chicago
Krueger, Leo Edward	1	Chicago
Kulwinsky, Abe Mandel	2	Chicago
Kulwinsky, Helen	2	Chicago
Kushnir, Benjamin	1	Chicago
Lachov, Hyman Boris	2	Chicago
Lambert, Brace Fenimore	1	Chicago
Landsman, Harry George	1	Assumption
Lange, Ralph Herman	1	Chicago
Lavieri, Angelo	2	Chicago Heights
Lee, Cecil	1	Chicago
Leverenz, Carleton Walter	1	Chicago
Levy, Ralph Raymond	1	Elgin
Levy, Samuel	1	Chicago
Lieberman, Harry Benjamin	2	Chicago
Lieberman, Morris	1	Chicago
Lightfoot, Marshall James	2	Chicago
Lipschutz, Paul Harold	1	Chicago
Lizer, Harold Phenoy	1	Farmington
Longman, Ivan Clarke	2	Chicago
Lossman, Melvin Frank	1	Mt. Morris
Lewis, Sam	1	Lacon
Lukinsky, Morris	2	Chicago
McDermott, Charles Byron	1	Chicago
McDonnell, Joseph Serene	2	Chicago
McIntyre, Melvin Trout	1	Morris
McMasters, Ward Hainline	2	Chicago
McNabb, Oscar Jason	1	Bloomington
Malina, David Maxmilian	1	Mattoon
Marchessault, Clinton Ulrio	1	DuQuoin
Marek, Frank Albert	1	Chicago
Martoccio, John Bernard	1	Cicero
Matthes, Henry August	1	Chicago
Maupin, Joseph Emanuel	1	Chicago
Meyer, Esther	1	Chicago
Meyer, Grant	2	Chicago
Mila, Conrad Stanley	2	Ottawa
Miller, Howard Deloss	2	Chicago
Mintz, Edward	1	Chicago
Mirsky, Solomon Bernard	2	Chicago
Mitlin, Samuel Henry	2	Chicago
Mulkern, John Joseph	1	Chicago
Murphy, Lyman Dennis	2	Chicago
Nachenberg, Alex Samuel	1	Chicago
Nagel, Robert Christian	1	Highland Park
Naumann, Walter Herman Louis	2	Chicago
Nemeroff, Maurice	2	Highland
Newlander, Jacob	1	Chicago
Newman, Barney	2	Chicago
Nordstrom, Albert Edward	2	Chicago
Norman, Maurice	1	Chicago
Noskin, Samuel	2	Waukegan
Novitz, Hyman	2	Chicago
Novotny, George William	1	Chicago
Oakley, Cecil Fritche	2	Chicago
Obartuch, Henry William	1	Chicago
Ocenasek, Joseph Charles	2	Mattoon
Ohnstein, Edgar Marion	2	Chicago
Oliva, David	2	Chicago
Onesto, Anthony Marino	2	Chicago
Painter, Henry Ellis	1	Chicago
Palumbo, Othello Joseph	2	Whitehall, Montana
Paprocki, Ignatius Joseph	1	Chicago
Parmacek, Jesse	1	Chicago
Patt, Bernard Stuart	1	Chicago
Perkins, Lawrence	1	Chicago
Perkins, Roger Wolcott	1	Chicago
	2	Canton

<sup>1</sup>Second semester.

<i>Name</i>	<i>Year</i>	<i>Residence</i>
Perlman, Samuel	1	Chicago
Peterson, Gilbert O	1	Barron, Wisconsin
Peterson, Winfield Arthur	1	Orion
Piepho, Walter August	2	Chicago
Pitchman, Isadore	1	Chicago
Pokorny, Joseph Frederick	1	Oak Park
Pomerantz, Dave	2	Chicago
Pomerantz, Maurice Louis <sup>1</sup>	1	Chicago
Porter, John Clark	1	Broughton
Potkin, Carl	1	Chicago
Pritikin, Aaron	2	Chicago
Pudil, George Jerry	1	Chicago
Purifoy, Edna Mina	1	Chicago
Rakstis, Julius Peter	1	Chicago
Ratajick, Emil J	1	Chicago
Reader, Jack Isadore	1	Chicago
Reback, Benjamin	1	Chicago
Reis, Robert Nicholas	2	Chicago Heights
Rene, Otis Joseph <sup>1</sup>	2	Chicago
Reicha, John James	2	Chicago
Rickelman, Raymond J	1	Effingham
Ringhofer, Julius	1	Forest Park
Rivard, Jules Xavier	1	Chicago
Roche, Gerald Cartel	2	Chicago
Rockwood, Charles Preece <sup>1</sup>	1	Chicago
Roepke, Charles H	1	Chicago
Romano, Emilio Carl	1	Chicago
Rosefield, Leonard	2	Chicago
Rosen, Isadore	2	Chicago
Rosen, Sidney	1	Chicago
Rosenband, Isadore	2	Chicago
Rosenberg, Perry	2	Chicago
Rosenberg, Samuel	1	Chicago
Rosenblatt, Isadore Abraham	2	Chicago
Rosenblum, Harold Franklin	1	Chicago
Rosenblum, Rebecca	2	Chicago
Rotberg, David	1	Chicago
Roth, Louis	2	Chicago
Rubin, Alexander H	1	Chicago
Rubin, Louis	2	Chicago
Rush, Raymond	2	Chicago
Russell, John Smyth	2	Chicago
Sanford, Willard Clark <sup>1</sup>	1	Chicago
Sass, Henry Arthur	1	Chicago
Saunders, Carl Martin	1	Chicago
Sawyer, Hosea George	1	Palatine
Schafer, Raymond Eugene	1	Lincoln
Schmid, Arthur Victor	1	Provia
Schnase, Edward Frank	1	Chicago
Schneider, Michael	1	Chicago
Schroeder, Fred Charles	1	Chicago
Searls, Floyd Dewey	2	Amboy
Seibert, Walter Williamson	2	Ashley
Seidenstricker, Otto William	1	Ashley
Seifert, Martin Henry	2	Wilmette
Seyfarth, George Amandus	1	Chicago
Seyler, John Beck	1	Nashville
Shames, Harold Jay	2	Chicago
Shapero, Louis	2	Chicago
Shapiro, Jacob	1	Chicago
Shapiro, Louis Barney	2	Chicago
Shapiro, Samuel Solomon	2	Chicago
Shkolnik, Samuel	1	Chicago
Shugan, Ben Bernard	2	Chicago
Shuler, Alva Milton	1	Elgin
Shulman, Benjamin	1	Chicago
Siebens, Richard Heckman	1	Pekin
Silberman, Julius	1	Chicago
Silberman, William	2	Chicago
Simon, Louis	1	Chicago
Simons, Francis Lowell	1	Maple Park
Singer, Sam	1	Chicago
Skor, Morris	1	Chicago
Slowik, John Robert	1	Chicago
Smith, Leroy	1	Chicago
Smith, Virgil Edward Weber	1	Quincy
Soldinger, David	2	Chicago
Solinski, Edmund Thaddeus	1	Chicago
Speri, Joseph, A.B. 1916, M.D. 1922	1	Chicago
Spore, Allen Francis	2	Chicago
Srp, Jaroslav Anton	1	Chicago
Stach, Anton	1	Chicago
Stach, William	1	Chicago

<sup>1</sup>Second semester.

<i>Names</i>	<i>Year</i>	<i>Residence</i>
Stamberg, Edward	1	Chicago
Staszak, Walter Anthony	2	Chicago
Steinberg, Rose	2	Chicago
Sternberg, Edwin Herbert	1	Decatur
Stocco, Thomas Anthony	1	Chicago
Stokes, John Charles <sup>1</sup>	2	Chicago
Subin, Bertrand	1	Chicago
Szymanski, Richard Thomas	2	Cicero
Testin, John Edward	2	Joliet
Thiel, Charles John	1	Chicago
Thomas, Leon Blake	2	Urbana
Thompson, Arnold Albert	2	Chicago
Titafsky, Isadore	1	Chicago
Tollar, Albert Oscar	1	Berwyn
Tunick, Samuel Sidney	2	Chicago
Turek, Isador Edward	2	Chicago
Tweedie, Forrest Joseph	2	Chicago
Tysl, Anton Otto	2	Chicago
Ugansky, Chester	2	Lyons
Vanderaue, Charles Louis	2	Chicago
VanWinkle, Lloyd Henry	1	Macomb
Vencovsky, Bohumil John	1	Chicago
Vesely, Ludwig George	1	Cicero
Verrier, Arthur Henry	1	Antioch
Visotsky, Henry Alvin	1	Chicago
Vrablik, Samuel	1	Chicago
Vratny, Thomas John	1	Chicago
Wallman, Samuel	1	Chicago
Warczak, Estelle E	1	Chicago
Warczak, Frank Albert <sup>1</sup>	2	Chicago
Weiner, Hyman Irwin	2	Chicago
Weiner, Maurice	1	Chicago
Weinstein, Max	2	Chicago
Weiss, Henry Spaulding	2	Chicago
Wenisch, Harry Arthur	2	Chicago
Werden, George Leland	1	Mattoon
Westenberger, Fred George	2	Chicago
Wester, Edward <sup>1</sup>	2	Chicago
Wild, Harold Alfred <sup>1</sup>	2	Joliet
Wilson, Lester Newton	2	Chicago
Wimmer, Henry Joseph	1	Elmhurst
Winsberg, Harold <sup>1</sup>	2	Chicago
Wisler, Raymond	2	Chicago
Wojtalewicz, Phil Leo	1	Chicago
Wolf, John	1	Chicago
Workman, Maurice Clifley	Unc	Flora
Yatsko, Alice Marguerite	1	Pueblo, Colorado
Yellen, George	2	Chicago
Yitkis, David Jack	1	Chicago
Zaucha, Frank Leonard <sup>1</sup>	1	Chicago
Zehender, Waide	2	Quincy
Zeiler, Edward Henry	2	Chicago
Zeitlin, Ralph	2	Chicago
Zeitlin, Reuben	1	Chicago
Zimmerman, William Jerome	1	Morris
Zindt, Harold Jules	1	Downer's Grove

<sup>1</sup>Second semester.

## EXTRA-MURAL COURSES IN INDUSTRIAL EDUCATION FOR TRAINING OF TEACHERS UNDER THE FEDERAL VOCATIONAL EDUCATION ACT

At the present time the University of Illinois is offering at five local centers—in Aurora, Chicago, Belleville, East St. Louis, and Granite City—extra-mural courses in industrial education for the training of teachers under the Federal Vocational Education Act, including courses for shop teachers, and courses for teachers of general continuation subjects.

<i>Name</i>	<i>Center</i>	<i>Name</i>	<i>Center</i>
Adams, Dora	East St. Louis	Livesay, Leonore	East St. Louis
Anderson, Edward	Rockford	Long, Sara E	Rockford
Anderson, Mrs. Grace S	Rockford	Lyon, Edna	Granite City
Anderson, Harriet	Granite City	McClain, Dorothy	Belleville
Anderson, Oscar W	Rockford	McCoy, Ira C	Joliet
Arnsperger, Mrs. Mae M	Granite City	McEvoy, Elizabeth C	Rockford
Arnsperger, Robertine Esther	Granite City	McMurtrie, Jean	East St. Louis
Bachtel, Ruby	Granite City	Maitland, H C	Rockford
Ballard, Olive M	Rockford	Marshall, Ross L	Joliet
Barbracke, Josephine	Granite City	Martin, Irene	East St. Louis
Bardo, Bertha	Rockford	Martin, Ruth B	Rockford
Beck, John Clarence	Belleville	Mason, Guy J	Joliet
Benjamin, Lucy Octavia	Granite City	Maurer, Mrs. Rachel E	East St. Louis
Brill, H R	Belleville	Meyer, Flora Mary	East St. Louis
Burke, Alice	East St. Louis	Moore, Cornelia	East St. Louis
Carlson, Victoria A	Rockford	Moore, Eva	East St. Louis
Carroll, Lillie	Granite City	Muck, Lida	East St. Louis
Carroll, Nellie Grace	Granite City	Nasold, William F	Rockford
Cassidy, Rose	Rockford	O'Donnell, Elizabeth	East St. Louis
Castle, D W	Joliet	O'Donnell, Kathryn	East St. Louis
Clark, Vira Esther	Rockford	Olesen, Laura	Rockford
Coggin, Ora	East St. Louis	Olson, Oscar H	Rockford
Coley, Mazie	Granite City	Pick, Daisy	Granite City
Cook, Marguerite	Rockford	Pick, Hetty	Granite City
Coulter, Claudine	Granite City	Pippit, Aden G	East St. Louis
Crocken, Mrs. Mary	East St. Louis	Pyle, Laura Lee	Rockford
Denney, Lulu Lillian	East St. Louis	Quick, Jennie	East St. Louis
Denney, Russell M	Belleville	Radke, A Edward	East St. Louis
Distler, Gertrude	East St. Louis	Rawlings, Wyatt	East St. Louis
Distler, Margaret	East St. Louis	Reilly, Tom L	Joliet
Dolbear, Harriet	Rockford	Rhoads, Fannie	Granite City
Dublin, Ruth	East St. Louis	Richards, Lucille	East St. Louis
Eddy, Flora E	Rockford	Riley, Maude	Granite City
Eiler, O L	Rockford	Robeson, C O	Rockford
Emerson, Lynn Arthur	Joliet	Rogers, Ralph L	Joliet
Ervin, Frances	East St. Louis	Sawyer, Tillie	East St. Louis
Flaherty, E Delia	East St. Louis	Scherrer, C F	East St. Louis
Fletcher, Ruth	Granite City	Schiermann, Dora	East St. Louis
Foster, Nelle	East St. Louis	Shepard, Harlan A	Joliet
Fowler, Roy E	Rockford	Shone, Anna E	East St. Louis
Galvin, Josephine Marie	Rockford	Smith, Katherine	Rockford
Gerber, Grace M	Rockford	Smith, Larmon L	Joliet
Greenwood, Bertie	East St. Louis	Smith, R Ada	Granite City
Gregory, Lydia	Rockford	Stack, Corrine Delores	East St. Louis
Griesbach, Harry B	Chicago	Steiner, Alma	Granite City
Grosstuck, Fred W	Joliet	Stephenson, Floyd S	East St. Louis
Hall, Clara	East St. Louis	Stevens, Nellie	Granite City
Hancock, Elizabeth	Rockford	Sullivan, C E	Rockford
Harvey, Maude	Granite City	Sweet, E M	Joliet
Hattershire, Margaret	East St. Louis	Swenson, Alice	Rockford
Heidemann, Henrietta	Granite City	Telander, Harry E	Rockford
Henrich, Anita B C	East St. Louis	Thayer, J J	Joliet
Henrich, Luella H	East St. Louis	Thelander, Percy Wilford	Rockford
Henry, Katherine	East St. Louis	Thelander, Vincent	Rockford
Higgins, O L	East St. Louis	Thomas, Harry A	Rockford
Horine, Edith E	East St. Louis	Tjaden, William	Rockford
Howard Marie	Rockford	Tomkiewicz, R A	Joliet
Howlett, Catherine	East St. Louis	Trammell, Cynthia	East St. Louis
Huddle, Mrs. Annie M	East St. Louis	Trumbull, F M	Rockford
Humphrey, George Clifford	Granite City	Trumbull, Mrs. Jennie	Rockford
Ingham, Ruth	Granite City	Van Der Kor, Alma	Rockford
Jessup, Grace	East St. Louis	Walker, Alice E	Rockford
Johnson, L Faye	Granite City	Webb, Mildred	East St. Louis
Jones, W Morris	East St. Louis	Wells, Elmer M	Joliet
Kelling, Mrs. Lulu B	Rockford	West, Clyde I	Joliet
Kenagy, R Harold	East St. Louis	Wetzel, Janetta Elizabeth	Rockford
King, Anne F	Rockford	Williams, Ruth	Granite City
Kinsella, Elizabeth	East St. Louis	Willoughby, Winifred Dell	East St. Louis
Krumsiek, Hilda	Granite City	Yarbrough, J H	Belleville
Larson, Arthur Gustav	Rockford	Young, Mrs. Jessie E	Granite City
Lents, L F	Belleville	Zerweck, Louise	East St. Louis
Liggett, John T	Granite City	Zimmerman, Kenneth	Chicago
Lippold, Alfred C	Belleville		

# DEGREES CONFERRED

1923

Degrees are conferred at four times in the year, as follows: (1) at the end of the first semester, in February; (2) at the end of the second semester, in June; (3) at the end of the Summer Session, in August; (4) in October. Unless otherwise stated, the degrees in the following lists were conferred on June 11, 1923.

## THE UNDERGRADUATE COLLEGES

*(Degrees of Bachelor of Arts, Bachelor of Science, and Bachelor of Music)*

GEORGE ROBERT ABBOTT, Bachelor of Science (General Business)  
 ALBERTA MILDRED ACKLEY, Bachelor of Science (Education)<sup>1</sup>  
 ALICE ELIZABETH ADAMS, Bachelor of Science (Home Economics)  
 ALMA IONE ADAMS, Bachelor of Arts (Home Economics)  
 HUGH MOORE ADAMS, Bachelor of Science (Agricultural Education)  
 LYNDON OLIN ADAMS, Bachelor of Science (Electrical Engineering)  
 FANNIE LEOTA ADKISSON, Bachelor of Arts (Liberal Arts)  
 MAURICE ADLER, Bachelor of Science (Chemical Engineering)  
 GAYLORD DEWITT ADSTT, Bachelor of Arts (Liberal Arts)  
 MAURINE THERESA AGLE, Bachelor of Arts (Liberal Arts)  
 MYRTLE FERN AGLE, Bachelor of Science (Music Education)  
 JOHN MAURICE AGNEW, Bachelor of Science (Electrical Engineering)  
 LOTIS FRED AITKEN, JR., Bachelor of Science (Chemical Engineering)  
 FRANK HARLEY AITKIN, Bachelor of Science (General Business)  
 VERNON ROY ALBERTSTETT, Bachelor of Science (General Business)  
 EUGENE ELLIOT ALDRICH, Bachelor of Science (Physical Education)  
 LLOYD CICEHO WALLACE ALISON, Bachelor of Arts (Liberal Arts)  
 MERLE MARGARET ALLEMAN, Bachelor of Arts (Liberal Arts)<sup>2</sup>  
 CARL ELMER ALLEN, Bachelor of Science (Education)<sup>3</sup>  
 CHARLES MOORE ALLEN,<sup>4</sup> Bachelor of Science (Agricultural Education); Bachelor of Science (Agriculture)<sup>5</sup>  
 ELOISE GRACE ALLEN, Bachelor of Science (Home Economics)  
 RALPH B ALLEN, Bachelor of Science (General Business)  
 ROBERT HAMMOND ALLEN, Bachelor of Science (Agriculture)  
 ROBERT JOSEPH ALLEN, Bachelor of Arts (Liberal Arts)  
 BEN FINLEY ALVORD, Bachelor of Science (Agriculture)<sup>1</sup>  
 PAUL EDGAR ALYEA, Bachelor of Science (General Business)  
 RALPH E AMMON, Bachelor of Science (Agriculture)<sup>1</sup>  
 CARL IVAR ANDERSON, Bachelor of Science (Chemical Engineering)  
 CLARENCE FELIX ANDERSON, Bachelor of Science (Agricultural Education)<sup>4</sup>  
 EVERETT LEROY ANDERSON, Bachelor of Science (General Business)  
 FLOYD GRAHAM ANDERSON, Bachelor of Science (Agriculture)  
 GEORGE WILLIAM ANDERSON, Bachelor of Science (General Business)  
 IVAR GEORGE ANDERSON, Bachelor of Science (Mechanical Engineering)  
 PAUL THEODORE ANDERSON, Bachelor of Science (General Business)  
 RAYMOND RUBEN ANDERSON, Bachelor of Science (General Engineering)  
 RUSSELL HOWARD ANDERSON, Bachelor of Science (Education)<sup>1</sup>  
 RUTH ANDERSON, Bachelor of Arts (Home Economics)  
 RUTH ELIZABETH ANDERSON, Bachelor of Science (Home Economics)<sup>1</sup>  
 WALTER WILFORD ANDERSON, Bachelor of Science (General Business)  
 WESLEY FRANCIS ANDERSON, Bachelor of Science (General Business)  
 ARTHUR JAMES ANDREWS, Bachelor of Science (Agricultural Education)  
 KENNETH ANTON ANDREWS, Bachelor of Science (Foreign Commerce)  
 FREDERICK CHARLES ANGELL, Bachelor of Science (Education)<sup>4</sup>  
 OTIS HOLMES ANGELL, Bachelor of Arts (Liberal Arts)  
 GLADYS IRENE APPLIGATE, Bachelor of Science (Chemistry)<sup>4</sup>  
 CAROL ARMSTRONG, Bachelor of Arts (Liberal Arts)  
 GRACE WILDA ARMSTRONG, Bachelor of Science (Home Economics)  
 RAYMOND HENRY AENDT, Bachelor of Science (Mechanical Engineering)  
 JORGE ALEJANDRO ARTEAGA, Bachelor of Science (Civil Engineering)  
 WALTER WYATT ROSE ASHBAUGH, Bachelor of Science (Agriculture)  
 EDNA IDA ASMTS, Bachelor of Arts (Liberal Arts)  
 EDWARD WILLIAM JOHN ASMTS, Bachelor of Science (Commerce and Law)<sup>4</sup>  
 DONALD BURGESS ATWELL, Bachelor of Science (Ceramic Engineering)<sup>1</sup>  
 HOWARD JOHN BABB, Bachelor of Science (General Business)  
 FERDINAND HAROLD BACH, Bachelor of Science (Accountancy)  
 MARIE LOUISE BACON, Bachelor of Arts (Liberal Arts)<sup>4</sup>  
 WILLIAM JOHN BAHLMAN, Bachelor of Science (Landscape Gardening)  
 BERNICE HULDAH BAILEY, Bachelor of Arts (Home Economics)<sup>1</sup>  
 GEORGE DEWEY BAIRD, Bachelor of Science (Agriculture)  
 GEORGE MALCOLM BAIRD, Bachelor of Science (General Business)<sup>1</sup>  
 JACK PIERSON BAIRD, Bachelor of Science (General Business)  
 ROBERT LESLIE BAIRD, JR., Bachelor of Science (General Business)  
 ROSA BAKER, Bachelor of Arts (Liberal Arts)

<sup>1</sup>Degree conferred February 13, 1923.

<sup>2</sup>Degree conferred August 14, 1923.

<sup>3</sup>With final honors.

<sup>4</sup>Degree conferred October 27, 1923.

<sup>5</sup>With special honors.

WILBERT JAMES BAKER, Bachelor of Science (Chemical Engineering)<sup>1</sup>  
 KENNETH DENISON HOLMES BALDWIN, Bachelor of Science (Agriculture)  
 WILLIAM ROBERT BALDWIN, Bachelor of Science (Accountancy)  
 EDWARD BALSON, Bachelor of Science (Civil Engineering)<sup>1</sup>  
 JOHN EARLY BARDWELL, Bachelor of Science (Banking)  
 DOROTHY LUCILE BARNARD, Bachelor of Science (Education)<sup>1</sup>  
 CLARENCE EDWARD BARNETT, Bachelor of Science (Liberal Arts)  
 ANDREW BARR, JR., Bachelor of Science (Accountancy)<sup>1</sup>  
 MYRTLE GARNETT BARR, Bachelor of Arts (Liberal Arts)  
 OLIVER MILTON BARR, JR., Bachelor of Arts (Liberal Arts)  
 ALICE PEARL BARRETT, Bachelor of Arts (Liberal Arts)  
 JOHN CARL BARRETT, Bachelor of Science (Commerce)<sup>1</sup>  
 MARGUERITE LILLIAN BARRETT, Bachelor of Arts (Liberal Arts)  
 NELLE LEE BAREY, Bachelor of Science (General Business)  
 FRED BATTERSBY, Bachelor of Science (General Business)  
 ADELBERT C BAUR, Bachelor of Science (General Business)  
 KATHRYN LEE BAYNES, Bachelor of Arts (Liberal Arts)  
 RUSSELL CONWELL BEALE, Bachelor of Science (Chemical Engineering)<sup>1</sup>  
 VERA EDNA BEAN, Bachelor of Arts (Liberal Arts)  
 DEWEY THOMPSON BEATTIE, Bachelor of Science (Agriculture)  
 SARAH MARGARET BEATTY, Bachelor of Arts (History)<sup>1</sup>  
 WILLIAM FOREST BEATTY, Bachelor of Science (Agriculture)  
 ANNA MARION BEBB, Bachelor of Arts (Liberal Arts)  
 LILLIAN HORTENSE BECHTOLD, Bachelor of Arts (Liberal Arts)  
 WALTER BECK, Bachelor of Science (Electrical Engineering)<sup>1</sup>  
 DOROTHY JEAN BECKER, Bachelor of Arts (Home Economics)  
 JOHN HARMES BECKER, Bachelor of Science (Industrial Education)  
 PAUL ARTHUR BECKER, Bachelor of Science (Physical Education)  
 HAMILTON KELLER BEEBE, Bachelor of Arts (Liberal Arts)  
 CARROLL ONA BEESON, Bachelor of Science (Architecture)  
 THEOBON HENRY BEESON, Bachelor of Science (Agriculture)  
 CATHERINE SCHLEIDER BEHRENS, Bachelor of Arts (Liberal Arts)  
 EARL HENRY BELING, Bachelor of Science (Mechanical Engineering)<sup>1</sup>  
 ALLEN CHESTER BELL, Bachelor of Science (Architectural Engineering)  
 HARRY LAURENCE BELL, Bachelor of Science (General Engineering)  
 JOHN ARTHUR BELL, Bachelor of Arts (Liberal Arts)  
 LIONEL BENJAMIN, Bachelor of Science (Chemical Engineering)  
 GEORGE LEWIS BENNETT, Bachelor of Science (Architectural Engineering)  
 LOIS ELIA BENNETT, Bachelor of Science (Education)  
 HARRY FRANKLIN BENNETTOFF, Bachelor of Science (General Business)  
 JOHN HARVEY BENSON, Bachelor of Science (General Business)  
 MITCHELL JOSEPH BENSON, Bachelor of Arts (Liberal Arts)  
 PAUL JENS BERGER, Bachelor of Science (Architectural Engineering)  
 VICTOR EWALD BERGER, Bachelor of Science (General Business)  
 RICHARD JOSEPH BERRY, Bachelor of Science (General Business)  
 VIDITA BRUSHAN, Bachelor of Science (Electrical Engineering)  
 ERNEST RAYMOND CHARLES BILLERBECK, Bachelor of Science (Architecture)<sup>1</sup>  
 ALBIN GODFRED BILLING, Bachelor of Science (Education)  
 RUDOLPH JOSEPH BISCHOFF, Bachelor of Science (Banking)  
 JOSEPH LOUIS BISEST, Bachelor of Science (Railway Electrical Engineering)  
 EVANGELINE BISHOP, Bachelor of Arts (Liberal Arts)<sup>1</sup>  
 CUSHMAN BREWER BISSELL, Bachelor of Arts (Liberal Arts)  
 ROBERT ALEXANDER BLACK, Bachelor of Science (Civil Engineering)<sup>1</sup>  
 CARL FREDERICK BLOCK, Bachelor of Science (Chemistry)  
 LOUIS BLOCK,<sup>1</sup> Bachelor of Science (Chemistry)<sup>1</sup>  
 HELEN DOROTHY BLOOMER, Bachelor of Arts (Liberal Arts)  
 LOUIS BERNARD BLUM, Bachelor of Science (Industrial Administration)  
 WILLIAM HENRY BOBSIN, Bachelor of Science (Accountancy)<sup>1</sup>  
 ALFRED LOEHREN BOERNER, Bachelor of Science (Landscape Gardening)<sup>1</sup>  
 BEULAH CATHERINE BOGUE, Bachelor of Science (Home Economics)<sup>1</sup>  
 EDWIN JOSEPH BOHNEN, Bachelor of Science (Mechanical Engineering)<sup>1</sup>  
 RANE SAMUEL BOHON, Bachelor of Science (General Business)  
 ADA LENORE BOICE, Bachelor of Arts (Liberal Arts)<sup>1</sup>  
 ELDEN ECKLEY BOLDS, Bachelor of Science (Electrical Engineering)  
 WILLIAM HENRY BOLGER, Bachelor of Science (Chemical Engineering)  
 IRENE MAE BOLLER, Bachelor of Science (Agriculture)  
 OMAR JOHN BOLLINGER, Bachelor of Science (General Business)  
 FRANK SAMUEL BONANSINGA, Bachelor of Science (Commerce)<sup>1</sup>  
 DONALD GUSTINE BONEB, Bachelor of Science (General Business)  
 COURTLAND SPENCER BOOKER, Bachelor of Science (Mechanical Engineering)  
 HAROLD ROBERT BORLAND, Bachelor of Science (Ceramic Engineering)  
 WILLIAM RAY BOBOUGE, Bachelor of Arts (Liberal Arts)  
 EDWARD OWEN BOSHELL, Bachelor of Science (General Business)  
 GEORGE JOHN BOSEKOFF, Bachelor of Science (Mechanical Engineering)<sup>1</sup>  
 CROMWELL BOWEN, Bachelor of Science (Mechanical Engineering)  
 JOHN STANLEY BOWMAN, Bachelor of Science (Banking)<sup>1</sup>  
 LOUIS ALBERT BOTLE, Bachelor of Science (Agriculture)<sup>1</sup>  
 MARIE AGATHA BOTLE, Bachelor of Arts (Liberal Arts)<sup>1</sup>  
 WILLIAM LANE BRACY, Bachelor of Science (Accountancy)  
 CYRUS PECK BRADISH, Bachelor of Science (Agricultural Education)

<sup>1</sup>Degree conferred October 27, 1923.<sup>1</sup>Degree conferred February 13, 1923.<sup>1</sup>With final honors.<sup>1</sup>Degree conferred August 14, 1923.<sup>1</sup>With high honors.<sup>1</sup>With special honors.



CARROLL WILSON BRADSHAW, Bachelor of Science (Commerce)<sup>1</sup>  
 ANDREW GLIDDEN BRADT, Bachelor of Science (Banking)<sup>1</sup>  
 RUTH EMILY BRADY, Bachelor of Science (Education)<sup>2</sup>  
 WALTER EDWARD BRANDT, Bachelor of Science (Chemistry)  
 RALPH LOREN BRAUCHER, Bachelor of Science (Accountancy)  
 LEONARD HENRY BRAUM, Bachelor of Science (Industrial Administration)  
 CATHERINE BEATRICE BRAZEROL, Bachelor of Arts (Liberal Arts)  
 HELEN EVELYN BREHM, Bachelor of Arts (English)<sup>2</sup>  
 JESSICA WILMA BRENNAN, Bachelor of Science (General Business)  
 PAUL KIRK BRESSE, Bachelor of Science (Agriculture)  
 FRED SAMUEL BREWER, Bachelor of Science (Agriculture)  
 MYRTLE LILLIAN BRIDSON, Bachelor of Science (Home Economics)  
 ALFRED WARREN BRIGGS, Bachelor of Science (General Business)<sup>4</sup>  
 JOHN WILLIAM BRIGHT, Bachelor of Science (Railway Electrical Engineering)  
 KENNETH ALFRED BRIGHT, Bachelor of Science (Architectural Engineering)  
 BENSON ELSWORTH BRITTON, Bachelor of Science (General Business)  
 CARL REINHOLD BROMM, Bachelor of Science (General Business)  
 ETHEL LUCILLE BRONSON, Bachelor of Science (General Business)<sup>2</sup>  
 JAMES READ BROOKS, Bachelor of Science (Accountancy)  
 PIERRE BROUSSEAU, Bachelor of Arts (Liberal Arts)  
 ELIZABETH BROWN, Bachelor of Science (Home Economics)  
 HOWARD ELSWORTH BROWN, Bachelor of Science (Agriculture)  
 MORRIS BROWN, Bachelor of Science (Chemical Engineering)<sup>4</sup>  
 RUTH ADAMS BROWN, Bachelor of Science (General Business)<sup>4</sup>  
 WINNIFRED URLINE BROWN, Bachelor of Arts (Liberal Arts)  
 FRANK GEORGE BRUECKMANN, Bachelor of Science (Civil Engineering)  
 ELMER FRANKLIN BRUCH, Bachelor of Science (Civil Engineering)<sup>4</sup>  
 MELVIN WILLIAM BRUNS, Bachelor of Science (Civil Engineering)  
 ANNA MAY BRYANT, Bachelor of Science (Commercial and Civic Secretaries)<sup>2</sup>  
 GLENN LEONARD BUCK, Bachelor of Science (Agriculture)  
 LILLIE MARY BUCKLEY, Bachelor of Arts (Liberal Arts)  
 SYLVIA BUDAN, Bachelor of Arts (Liberal Arts)  
 WALTER ANTHONY BUEHLER, Bachelor of Science (Architectural Engineering)  
 CATHERINE CAROLINE BUHRMESTER, Bachelor of Science (Education)<sup>2</sup>  
 HELEN ELIZABETH BULKLEY, Bachelor of Arts (Liberal Arts)  
 LUCILE SALISBURY BULLOCK, Bachelor of Arts (Home Economics)  
 MARGARET HELEN BULLOCK, Bachelor of Arts (Liberal Arts)  
 VIVIAN ETHEL BURK, Bachelor of Arts (Liberal Arts)  
 EVANGELINE BERNICE BURNSIDE, Bachelor of Arts (Liberal Arts)  
 LEWIS EVERETT BURRITT, Bachelor of Science (Foreign Commerce)  
 LILLIE MAE ISABEL BURSTER, Bachelor of Arts (Liberal Arts)<sup>2</sup>  
 WILLIAM JENNINGS BURTON, Bachelor of Science (Mechanical Engineering)  
 HELEN KATHERINE BUSSELL, Bachelor of Arts (Romance Languages)<sup>2</sup>  
 JOHN EDWARD BUTMAN, Bachelor of Science (Mechanical Engineering)  
 HOMER WOLF BUTTERBAUGH, Bachelor of Science (Mechanical Engineering)<sup>1</sup>  
 HELEN JANE CADE, Bachelor of Science (Home Economics)  
 HELEN LOUISE CALDWELL, Bachelor of Arts (Liberal Arts)  
 EDWIN LEROY CALENE, Bachelor of Science (Mechanical Engineering)  
 PERRY SHAWL CALKINS, Bachelor of Arts (Liberal Arts)<sup>1</sup>  
 EDMUND FRANCIS CLEVELAND CAMERON, Bachelor of Science (General Business)<sup>4</sup>  
 CHESTER BENNETT CAMP, Bachelor of Science (Agriculture)  
 WILLIAM LYMAN CAMP, JR., Bachelor of Arts (Liberal Arts)  
 CARLOS ELMER CAMPBELL, Bachelor of Science (Agricultural Education)<sup>1</sup>  
 GLADYS EVELYN CAMPBELL, Bachelor of Arts (Liberal Arts)<sup>2</sup>  
 CECIL ADELBERT CANEDY, Bachelor of Science (Agriculture)  
 JOHN DEERING CANNON, Bachelor of Science (Banking)  
 MYRON EDWIN CAPOUCH, Bachelor of Science (Mining Engineering)  
 CARL HAROLD CARLSON, Bachelor of Science (General Business)  
 LOIS CARMAN, Bachelor of Arts (Liberal Arts)  
 EUNICE ANNIE CARMICHAEL, Bachelor of Arts (Romance Languages)<sup>4</sup>  
 ERASMUS FAYETTE CARPENTER, Bachelor of Science (Mining Engineering)  
 DARWIN BEACH CARRE, Bachelor of Arts (Liberal Arts)  
 DAVID MOREY CARRE, Bachelor of Science (Industrial Administration)  
 ALICE LEONA CARTER, Bachelor of Arts (Liberal Arts)  
 JOSEPH CARTER, Bachelor of Science (General Business)  
 AGNES BERNECE CARY, Bachelor of Arts (Home Economics)<sup>1</sup>  
 WILLIAM JUSTA CASLER, Bachelor of Science (Civil Engineering)  
 THOMAS FRANCIS CASSON, Bachelor of Science (Foreign Commerce)  
 ZELLA VERNIE CASTER, Bachelor of Arts (Liberal Arts)  
 JOSEPH LOREN CAVINS, Bachelor of Science (Mechanical Engineering)  
 CLARENCE ELEY CAWVEY, Bachelor of Science (Electrical Engineering)  
 JAMES HOWARD CHANCE, Bachelor of Science (Architecture)  
 OWEN JEWISON CHANEY, Bachelor of Science (Agriculture)  
 CHUNG SUNG CHANG, Bachelor of Science (Railway Mechanical Engineering)  
 PAUL WISEOARVER CHAPIN, Bachelor of Arts (Liberal Arts)  
 MAXWELL COOK CHAPMAN, Bachelor of Science (Agriculture)  
 WALTER LESLIE CHAPMAN, Bachelor of Science (General Business)  
 MONONNE CHEBEMAN, Bachelor of Arts (Liberal Arts)  
 CHUN-CHANG CHEN, Bachelor of Science (Railway Mechanical Engineering)<sup>1</sup>

<sup>1</sup>Degree conferred February 13, 1923<sup>2</sup>Degree conferred October 27, 1923.<sup>3</sup>With honorable mention.<sup>4</sup>With final honors.<sup>5</sup>Degree conferred August 14, 1923.

KO MEI CHEN, Bachelor of Science (Education)  
 YU-CHING CHEN, Bachelor of Science (Railway Civil Engineering)  
 TANMIN STUNGSON CHOW, Bachelor of Science (Railway Civil Engineering)<sup>1</sup>  
 TYRA MYRTLE CHRISTENSEN, Bachelor of Arts (Liberal Arts)<sup>2</sup>  
 FLOYD ROWLAND CLAFFORD, Bachelor of Science (Mechanical Engineering)  
 FRANCIS MATTHEW CLARK, Bachelor of Science (Agriculture)<sup>3</sup>  
 JOHN PETERS CLARK, Bachelor of Science (Mechanical Engineering)  
 ROWLAND FANCHER CLARK, Bachelor of Science (Agriculture)  
 ALLEN ENES CLAXTON, Bachelor of Science (General Business)  
 ALVIE JACOB CLAXTON, Bachelor of Science (Accountancy)  
 FAITH LILLIAN CLAYTON, Bachelor of Arts (Liberal Arts)  
 RAYMOND CLEARY, Bachelor of Science (Chemical Engineering)  
 MARY JANE CLEVELAND, Bachelor of Arts (Liberal Arts)<sup>2</sup>  
 BEULAH KATHRYN CLUTE, Bachelor of Arts (Liberal Arts)<sup>1</sup>  
 VIRGIL WALKER COATH, Bachelor of Science (General Business)  
 THOMAS HOWELL CORB, Bachelor of Science (Education)  
 DOROTHY DALE COCKRUM, Bachelor of Arts (Liberal Arts)  
 PHILIP ALBERT COEN, Bachelor of Science (Agriculture)<sup>2</sup>  
 RICHARD PRESTON COFFEEN, Bachelor of Science (Mechanical Engineering)<sup>1</sup>  
 NAN COGHLAN, Bachelor of Arts (Liberal Arts)  
 VELMA RUTH COLDBROOK, Bachelor of Arts (Liberal Arts)<sup>1</sup>  
 CARROLL LAYERN COLE, Bachelor of Science (Industrial Administration)  
 MARGARET COLE, Bachelor of Science (Commercial and Civic Secretaries)  
 JOHN ALDRICH COMSTOCK, Bachelor of Science (Mining Engineering)  
 HAROLD DAY CONDON, Bachelor of Science (Agriculture)  
 MARY EMILY CONELY, Bachelor of Arts (Home Economics)  
 JAMES EDWARD CONLEY, Bachelor of Science (Industrial Administration)  
 VIRGINIA MAURINE CONLEY, Bachelor of Science (Liberal Arts)  
 JOSEPH TURNER CONNELLY, Bachelor of Science (Agricultural Education)  
 GRACE COOK, Bachelor of Science (Education)  
 HERMAN LOUIS COOK, Bachelor of Science (Ceramic Engineering)  
 ROBERT MERLE CORBIN,<sup>3</sup> Bachelor of Science (Chemical Engineering)<sup>4</sup>  
 HARRY EUGENE COREY, JR., Bachelor of Science (Agriculture)  
 JULIAN CORMAN, Bachelor of Arts (Liberal Arts)<sup>2</sup>  
 DOROTHY ELEANOR CORNELL, Bachelor of Science (Home Economics)<sup>3</sup>  
 ROSS EUGENE CORNWELL, Bachelor of Science (Mechanical Engineering)<sup>1</sup>  
 JOHN WILLIAM CORRINGTON, Bachelor of Science (General Business)<sup>2</sup>  
 ELIZABETH LOE CORSA, Bachelor of Arts (Liberal Arts)  
 ROBERT PERCY CORTIS, Bachelor of Science (Civil Engineering)  
 GRACE EVANS CORWINE, Bachelor of Arts (Liberal Arts)  
 WILBUR HORACE COULTAS, Bachelor of Science (Agriculture)  
 ROSCOE WILLIAM BRYAN COULTER, Bachelor of Science (Agriculture)  
 MARY LOUISE COVINGTON, Bachelor of Arts (Liberal Arts)  
 WARREN DYSERT CRABB, Bachelor of Science (Chemical Engineering)<sup>4</sup>  
 ANNA LOLA CRAIG, Bachelor of Arts (Liberal Arts)<sup>3</sup>  
 EDWARD EUGENE CRAIG, Bachelor of Science (Industrial Administration)  
 RUTH ELIZABETH CRAIN, Bachelor of Arts (Liberal Arts)  
 MARY CLARE CRAWFORD, Bachelor of Arts (Home Economics)  
 CATHERINE CASSEL CREBS, Bachelor of Arts (Liberal Arts)  
 CHARLES FRANKLIN CROOKS, Bachelor of Science (Education)<sup>4</sup>  
 LOIS KATHLEEN CROSS, Bachelor of Arts (Liberal Arts)  
 ELIZABETH MARGARET CROUCH, Bachelor of Science (Education)<sup>1</sup>  
 MARGARET MARIE CROUCH, Bachelor of Arts (Liberal Arts)  
 ZELAH ENRICH CROWELL, Bachelor of Science (Agriculture)  
 LOUIS THADDEUS CULKIN, Bachelor of Science (Mechanical Engineering)  
 LESTER BRENHOLT CULP, Bachelor of Science (General Business)  
 RODNEY KEENEY CUMMINGS, Bachelor of Science (Foreign Commerce)  
 EARLE MULLER CURTIS, Bachelor of Arts (Liberal Arts)<sup>1</sup>  
 GEORGE CLINTON CUTLER, Bachelor of Science (Agriculture)  
 HERBERT RAYMOND DAMISCH, Bachelor of Science (Agriculture)  
 LEROY MARION GERRITT DANGREMOND, Bachelor of Science (Civil Engineering)  
 CECIL REYNOLDS DANIELSON, Bachelor of Science (General Business)  
 EARL WILLIAM DAVIS, Bachelor of Science (Accountancy)<sup>3</sup>  
 HAROLD BALTZELL DAVIS, Bachelor of Science (Architecture)  
 MYRTLE ELLEN DAVIS, Bachelor of Arts (Home Economics)  
 ORA WILLIAM DAVIS, Bachelor of Science (Agriculture)  
 DOROTHY STELLA DAVISON, Bachelor of Arts (Liberal Arts)  
 EUGENE I DAVISON, Bachelor of Science (Agriculture)  
 FLORENCE MABEL DAVISON, Bachelor of Arts (Liberal Arts)  
 ROBERT MARY DAVISSON, Bachelor of Arts (Liberal Arts)  
 JOHN ERNEST EVERINGHAM DECKER, Bachelor of Science (General Business)<sup>1</sup>  
 WILLIAM BOHLANDER DEHR,<sup>3</sup> Bachelor of Science (Electrical Engineering)<sup>2</sup>  
 PHILIP MORITZ DELEEUW, Bachelor of Science (Chemical Engineering)  
 RICARDO DOMINADOR DELEON, Bachelor of Science (Chemical Engineering)<sup>1</sup>  
 KATHERINE MCCLELLAND DENNIS, Bachelor of Arts (Romance Languages)<sup>6</sup>  
 ROY EMERY DESHANE, Bachelor of Science (Industrial Administration)<sup>4</sup>  
 MARGIE ELMORA DICKEY, Bachelor of Science (Education)  
 LAVINA FAYE DILLE, Bachelor of Science (Home Economics)  
 ALFRED LEONARD DIXON,<sup>2</sup> Bachelor of Science (Chemistry)<sup>4</sup>

<sup>1</sup>Degree conferred October 27, 1923.<sup>2</sup>Degree conferred February 13, 1923.<sup>3</sup>With final honors.<sup>4</sup>With special honors.<sup>5</sup>Degree conferred August 14, 1923.<sup>6</sup>With honorable mention.

GUY DIXON, Bachelor of Science (Electrical Engineering)<sup>1</sup>  
 HUBERT TREOPHORE DIXON, Bachelor of Science (Electrical Engineering)  
 GEORGE WILLIAM DOAK, Bachelor of Science (Agriculture)  
 RAY ROBINSON DOBSON, Bachelor of Science (Accountancy)  
 FRANCES THERESA DOLLE, Bachelor of Science (Education)  
 WILLIAM DALE DONAHUE, Bachelor of Arts (Liberal Arts)  
 LOGAN LEON DONLIN, Bachelor of Science (Railway Administration)  
 DALLAS LEO DONNAN, Bachelor of Science (Banking)  
 CLARENCE RAPHAEL DORE, Bachelor of Arts (Liberal Arts)  
 FLOYD CLARENCE DOUGHERTY, Bachelor of Science (Physical Education)  
 BINETTE DOUGLASS, Bachelor of Arts (Liberal Arts)  
 BONNIE JUNE DOUGLASS, Bachelor of Music<sup>2</sup>  
 PAUL WHITTIER DOUGLASS, Bachelor of Science (Civil Engineering)  
 CYRIL GEORGE DOUPCOFF, Bachelor of Science (General Business)  
 FRANK JOSEPH DREES, Bachelor of Science (Agriculture)  
 HENRY KENNETH DREMAN, Bachelor of Science (Accountancy)  
 BENJAMIN HOMER DRENNAN, Bachelor of Science (Agriculture)  
 HYMEN DANIEL DREYNO, Bachelor of Science (General Business)  
 JONAS ARTHUR DRIELSMA, Bachelor of Science (Architecture)  
 MARGARET CATHERINE DROM, Bachelor of Arts (Liberal Arts)  
 ARTHUR EDWARD DRONE, Bachelor of Science (Education)  
 HAZEL MORINE DRY, Bachelor of Arts (Home Economics)  
 JUGAL KISHORE DUBEY, Bachelor of Science (Liberal Arts)<sup>3</sup>  
 GRANVILLE CHASE DUBOIS, Bachelor of Arts (Liberal Arts)  
 LOUIS JURY DUBOIS, Bachelor of Science (Mechanical Engineering)  
 EVERETT HINES DUCKWORTH, Bachelor of Science (Agriculture)  
 PAUL BERNARD DUNCAN, Bachelor of Science (General Business)  
 WILLIAM JAMES DUNCAN, Bachelor of Science (Accountancy)<sup>1</sup>  
 FLORENCE BELLE DUNKLE, Bachelor of Arts (Home Economics)  
 EDMUND DECKER DUNLOP, Bachelor of Science (Agriculture)  
 WILLARD LINCOLN DUNLOP, Bachelor of Science (Agriculture)  
 PHILIP SAMUEL DURANT, Bachelor of Science (General Business)  
 VINCENT REGINALD DUFIGNEAUD, Bachelor of Science (Chemistry)<sup>4</sup>  
 GEORGE GRIFFITH DYER, Bachelor of Science (Mechanical Engineering)  
 HENRY CHESTER EADS, Bachelor of Science (Education)<sup>5</sup>  
 ALBERT REYNER EASTMAN, Bachelor of Science (Architectural Engineering)<sup>2</sup>  
 FRED WILLIAM EBLEER, Bachelor of Science (Electrical Engineering)  
 EUGENE AUGUST EDERER, Bachelor of Science (General Business)  
 HELEN ANNE EDWARDS, Bachelor of Arts (Liberal Arts)  
 MILDRED ALICE EGAN, Bachelor of Arts (Liberal Arts)  
 EVERETT HAROLD EHRHART, Bachelor of Science (Accountancy)  
 BENJAMIN EINHORN, Bachelor of Science (Mechanical Engineering)<sup>3</sup>  
 JACOB LOUIS EISBERG, Bachelor of Science (Civil Engineering)  
 ALBERT LAWRENCE ELDER, Bachelor of Arts (Liberal Arts)<sup>1</sup>  
 DURWOOD X ELLETT, Bachelor of Science (Architectural Engineering)  
 ESTES EUGENE ELLIOTT, Bachelor of Science (Civil Engineering)  
 WILLIAM WAYNE EMRICH, Bachelor of Science (Agricultural Education)  
 ALBERT ADAM ENDRES, Bachelor of Science (Agriculture)<sup>4</sup>  
 ARTHUR FRED ENDRES, Bachelor of Science (Chemical Engineering)<sup>4</sup>  
 FELIX JOHN ENGBERG, Bachelor of Science (General Business)  
 VEVA BERNICE ENGELHARDT, Bachelor of Science (Home Economics)  
 MAX DISSETTE ENGELHART, Bachelor of Science (Chemical Engineering)  
 GRACE ELVERE ENGLUND, Bachelor of Arts (Liberal Arts)  
 THAD CHANDLER EPPS, Bachelor of Science (Architectural Engineering)  
 FLORENCE MOREY ERRANT, Bachelor of Arts (Home Economics)<sup>7</sup>  
 JAMES WHITCOMB ERBANT, Bachelor of Science (Agriculture)  
 LEWIS DEWEY ERWIN, Bachelor of Science (Education)<sup>5</sup>  
 LYDIA ELEANOR ESLINGER, Bachelor of Arts (Liberal Arts)  
 DALE BROWN ESMOND, Bachelor of Science (Agriculture)  
 COBERT ETS HOKIN, Bachelor of Arts (Liberal Arts)  
 HENRY BOWMAN EVANS, Bachelor of Science (Banking)<sup>1</sup>  
 JOHN HARWOOD EVANS, Bachelor of Science (Agricultural Education)  
 PHILIP GARDINER EVANS, Bachelor of Science (General Business)<sup>3</sup>  
 HAROLD BAKER EVERSOLE, Bachelor of Science (General Business)<sup>6</sup>  
 RUDOLPH EDWARD FAGERBURG, Bachelor of Science (Mining Engineering)  
 ELIZABETH ARMSTRONG FAIRMAN, Bachelor of Arts (Liberal Arts)<sup>3</sup>  
 BERNICE WERLY FALKIN, Bachelor of Arts (Liberal Arts)  
 ORVILLE EMMETT FAWCETT, Bachelor of Science (Electrical Engineering)  
 LURTON EUGENE FELTON, Bachelor of Science (Accountancy)  
 DAVID VIROIL FELTS, Bachelor of Arts (Liberal Arts)  
 OWEN DEWEY FENDER, Bachelor of Arts (Liberal Arts)  
 PERRY NICHOLS FEROUSSON, Bachelor of Science (Mining Engineering)  
 ALBRA HENRY FESSLER, Bachelor of Science (Ceramic Engineering)<sup>5</sup>  
 DAYTON FIELD, Bachelor of Science (Agriculture)<sup>2</sup>  
 ENID FILLINGHAM, Bachelor of Arts (Liberal Arts)<sup>3</sup>  
 FLOYD MCKELVEY FINLEY, Bachelor of Science (Agriculture)<sup>6</sup>  
 GEORGE ANDREW FINN, Bachelor of Science (Civil Engineering)  
 ERNEST FRANKLIN FIOCK,<sup>4</sup> Bachelor of Science (Chemical Engineering)<sup>4</sup>

<sup>1</sup>Degree conferred October 27, 1923.<sup>2</sup>With thesis.<sup>3</sup>Degree conferred February 13, 1923.<sup>4</sup>With special honors.<sup>5</sup>Degree conferred August 14, 1923.<sup>6</sup>With final honors.<sup>7</sup>With honorable mention.

WILLIAM ALBERT FISHER, JR., Bachelor of Science (Agriculture)  
 MAURICE CARLTON FISHMAN, Bachelor of Science (General Business)  
 WILBUR HARLOW FISHMAN, Bachelor of Science (Agriculture)  
 HORATIO MAY FITCH, Bachelor of Science (Civil Engineering)  
 THOMAS FITZGERALD, Bachelor of Science (Railway Electrical Engineering)<sup>1</sup>  
 GENEVA FLEMING, Bachelor of Science (Architecture)  
 MILO POTTER FLICKINGER, Bachelor of Science (Civil Engineering)  
 GORDON MONROE FLINT, Bachelor of Science (Agriculture)  
 VIOLET VINETTA FLOWERS, Bachelor of Music<sup>2</sup>  
 ARTHUR FREDERICK FORAN, Bachelor of Science (Accountancy)  
 LEE HAROLD FORD, Bachelor of Science (Agriculture)  
 ZELLA ZON FORD, Bachelor of Arts (Liberal Arts)  
 ALLMON GRANT FORDYCE, Bachelor of Science (Architecture)  
 ELLA FORSLEW, Bachelor of Arts (Liberal Arts)  
 JOHANNES HERMAN FORSLEW, Bachelor of Science (Electrical Engineering)  
 JAMES EDWARD FOSTER, Bachelor of Arts (Liberal Arts)  
 LAWRENCE HOFNER FOSTER, Bachelor of Science (General Business)  
 LOUIS OMAR FOSTER, Bachelor of Science (Accountancy)  
 RICHARD RANDOLPH FOWLER, Bachelor of Science (Industrial Administration)  
 ARTHUR LAWRENCE FOX, Bachelor of Science (Chemistry)<sup>3</sup>  
 WILLIAM LAVERNE FOYT, Bachelor of Science (Chemistry)<sup>3</sup>  
 HORACE JAY FRANCIS, Bachelor of Science (Commerce and Law)  
 BURNS MAURICE FRANKLIN, Bachelor of Science (Physical Education)  
 LOIS ELIZABETH FRAZEE, Bachelor of Arts (Home Economics)<sup>4</sup>  
 EDWARD EVERETT FREED, Bachelor of Arts (Liberal Arts)  
 HARRY DUKE FREEMAN, Bachelor of Science (Landscape Gardening)<sup>2</sup>  
 GERTRUDE ELIZABETH FRIEND, Bachelor of Science (Home Economics)  
 MARJORIE FRANCES FRITH, Bachelor of Science (Home Economics)<sup>5</sup>  
 VINCENTE SANAUGUSTIN FUENTES, Bachelor of Science (Mechanical Engineering)<sup>1</sup>  
 GREER GILBERT FULLERTON, Bachelor of Science (General Business)  
 CLARAN EMMITT FULLMER, Bachelor of Science (Agriculture)  
 GEORGE LEONARD FULTON, Bachelor of Science (General Business)  
 PAUL CEDRIC FULTON, Bachelor of Science (General Business)<sup>1</sup>  
 FRANCIS ALVA GABRIELSON, Bachelor of Science (Agriculture)  
 ROBERT GALBRAITH, Bachelor of Science (Ceramic Engineering)  
 EDWIN OSCAR GALE, Bachelor of Arts (Liberal Arts)<sup>1</sup>  
 DANIEL ANGELO GALLAGHER, Bachelor of Science (Accountancy)  
 FREDERICK JOHN GAMMAOE, Bachelor of Science (Floriculture)<sup>5</sup>  
 JUNIUS RAYMOND GARDNER, Bachelor of Science (Civil Engineering)  
 LUTHER THOMAS GARY,<sup>3</sup> Bachelor of Science (Chemistry)<sup>4</sup>  
 GLADYS ELOISE GARSTANG, Bachelor of Science (Education)  
 THOMAS TYRRELL GARTH, Bachelor of Science (General Business)  
 WILLIAM VANDERVOORT GATHANY, Bachelor of Science (General Business)  
 EARL VICTOR GAUGER, Bachelor of Science (Architecture)  
 CHARLES HARTWELL SHELLEY GEE, Bachelor of Science (Civil Engineering)  
 ROLLIN LAURENCE GEHRT, Bachelor of Science (Agriculture)  
 EDWIN STEIN GEIGER, Bachelor of Science (Agriculture)  
 FLORENCE ESTHER GEIST, Bachelor of Arts (Liberal Arts)  
 ANITA MARY ANN GELLERT, Bachelor of Arts (Liberal Arts)  
 GRACE BRYAN GERARD, Bachelor of Science (Home Economics)  
 IRMA CHARLOTTE MARGERETHA GERDES, Bachelor of Science (Education)  
 ROYAL MATTHEW GERHARDT, Bachelor of Science (Architectural Engineering)  
 REGINALD OWEN GHER, Bachelor of Science (Accountancy)<sup>7</sup>  
 DOUGLAS JAMES GIBBS, Bachelor of Science (General Business)  
 JOHN MCCLURE GIBSON, Bachelor of Science (Agriculture)  
 ESTHER ALINE GIESE, Bachelor of Arts (Liberal Arts)  
 VEVA MARY GIFFIN, Bachelor of Science (Home Economics)<sup>1</sup>  
 UNA IRENE GILBERT, Bachelor of Arts (Liberal Arts)  
 BARBARA MARIE GILBREATH, Bachelor of Arts (Liberal Arts)  
 GEORGE FRANCIS GILBREATH, Bachelor of Science (General Business)  
 THEODORE GILCHRIST, JR., Bachelor of Science (General Business)  
 FRANK STANLEY GILLESPIE, Bachelor of Science (Accountancy)<sup>1</sup>  
 RUTH ELIZABETH GILLESPIE, Bachelor of Science (Home Economics)  
 EDNA EVERETTA GILLOOLY, Bachelor of Arts (Liberal Arts)  
 FRANKLIN GILMORE, Bachelor of Science (General Business)<sup>1</sup>  
 CHARLES FRANKLIN GIPSON, Bachelor of Science (Agriculture)  
 HARRY GJESSING, Bachelor of Science (Mining Engineering)  
 ABRAHAM LEWIS GLASER, Bachelor of Science (Floriculture)<sup>4</sup>  
 WILLIAM CARL GLASS, Bachelor of Science (Mechanical Engineering)  
 MORRIS GLASSMAN, Bachelor of Science (Civil Engineering)  
 JOSEPH THEODORE GLEICK, Bachelor of Science (Liberal Arts)  
 DORIS GLIDDEN, Bachelor of Arts (Home Economics)  
 LOUIS CLIFFORD GOAD, Bachelor of Science (Mechanical Engineering)  
 EMMERSON LLOYD GOBLE, Bachelor of Science (Electrical Engineering)  
 JOSEPH CHARLES GODFREY, JR., Bachelor of Arts (Liberal Arts)  
 RALPH NICHOLUS GOEDEL, Bachelor of Science (Chemistry)<sup>7</sup>  
 SAMUEL HENRY GOLD, Bachelor of Science (Civil Engineering)  
 ALBIN GILBERT GOLDBERG, Bachelor of Science (Accountancy)  
 LILLIAN KATHERINE GOLDSTONE, Bachelor of Arts (Liberal Arts)

<sup>1</sup>Degree conferred October 27, 1923.

<sup>2</sup>With thesis.

<sup>3</sup>With special honors.

<sup>4</sup>With honorable mention.

<sup>5</sup>Degree conferred February 13, 1923.

<sup>6</sup>With final honors.

<sup>7</sup>Degree conferred August 14, 1923.

HORACE HOLBROOK GOODELL, Bachelor of Science (Civil Engineering)  
 HAROLD HENRY GORDON, Bachelor of Science (Agriculture)  
 WENDELL HOLMES GORDON, Bachelor of Science (General Business)<sup>1</sup>  
 RICHARD ERNEST GOULD, Bachelor of Science (Mechanical Engineering)<sup>2</sup>  
 PAUL GRADY, Bachelor of Science (Accountancy)<sup>3</sup>  
 RAY SCOTT GRAHAM, Bachelor of Science (Agriculture)  
 SAMUEL GRANT, Bachelor of Science (Chemical Engineering)<sup>4</sup>  
 PAUL WEBB GREELEY, Bachelor of Arts (Liberal Arts)  
 RUTH FRANCES GREEN, Bachelor of Arts (Romance Languages)<sup>5</sup>  
 HOWARD MILTON GREENBAUM, Bachelor of Science (Mechanical Engineering)  
 HOWARD WEBBER GREENE, Bachelor of Science (Agriculture)  
 JESSE ARTHUR GREENING, Bachelor of Science (General Business)  
 GARTH ORVILLE GREER, Bachelor of Arts (Liberal Arts)<sup>1</sup>  
 JEAN FASSMOHR GREGG, Bachelor of Arts (Home Economics)  
 WALTER GEORGE GRIFFITH, JR., Bachelor of Science (Agriculture)  
 CLARENCE DOMINIQUE GRIGGS, Bachelor of Science (General Business)<sup>1</sup>  
 NELLE MARIE GROH, Bachelor of Science (Education)<sup>4</sup>  
 FRANCES MARY GROVE, Bachelor of Arts (Liberal Arts)  
 KENNETH ALFRED GRUBB, Bachelor of Science (General Business)  
 RAYMOND GUENTHER, Bachelor of Science (Electrical Engineering)  
 WILLIAM AUGUST GUTTLER, Bachelor of Science (Civil Engineering)  
 KENNETH WILLIAM GUTHRIE, Bachelor of Science (Civil Engineering)  
 ANDREW BURKEY GWINN, Bachelor of Arts (Liberal Arts)<sup>4</sup>  
 ROBERT PHILLIP HACKETT, Bachelor of Science (Accountancy)  
 HARRY PETER HAGEDORN, Bachelor of Science (Chemical Engineering)  
 ADELE CLARE HAGEN, Bachelor of Arts (Liberal Arts)  
 HERMAN EDWARD HAHN, Bachelor of Science (Electrical Engineering)  
 VIRGIL KENNETH HALDEMAN, Bachelor of Science (Ceramic Engineering)<sup>2</sup>  
 MARION MARGUERITE HALEY, Bachelor of Arts (Liberal Arts)  
 ROSS CYRIL HALL, Bachelor of Science (Electrical Engineering)  
 HOWARD WORTHINGTON HALLETT, Bachelor of Science (Mechanical Engineering)  
 FREDERICK JOHN HALLSTEIN, Bachelor of Science (Civil Engineering)  
 LILLIAN MAY HAMBLEN, Bachelor of Arts (Spanish)<sup>3</sup>  
 GRACE LEONORA HAMILTON, Bachelor of Arts (Liberal Arts)  
 DORIS JOSEPHINE HAMMANN, Bachelor of Arts (Home Economics)  
 DOROTHY HAMMOND, Bachelor of Arts (Liberal Arts)  
 MARY LILLIAN HANCOCK, Bachelor of Arts (Sociology)<sup>3</sup>  
 HARRY EDWIN HANDY, Bachelor of Science (Electrical Engineering)  
 MARY ELIZABETH HANGER, Bachelor of Arts (Liberal Arts)  
 DARRELL IRVING HANLY, Bachelor of Science (Agricultural Education)  
 JOHN MICHAEL HANNOON, Bachelor of Science (Agriculture)  
 GILBERT KUSTER HARDACRE, Bachelor of Science (Chemical Engineering)  
 LYLE FOWLER HARFORD, Bachelor of Science (Agriculture)  
 GABRIEL CONGER HARMAN, Bachelor of Science (Landscape Gardening)  
 ROBERT OSSORNE HARPER, Bachelor of Science (Agriculture)  
 JOHN WALTER HARRIMAN, Bachelor of Science (Mechanical Engineering)  
 ALICE JANE HARRIS, Bachelor of Arts (Liberal Arts)  
 EVERETTE LEE HARRIS, Bachelor of Science (General Business)<sup>2</sup>  
 FAY MORROW HARRIS, Bachelor of Science (Architecture)  
 JOSEPH FRANCIS HART, Bachelor of Science (Chemistry)  
 MARY MILLER HART, Bachelor of Arts (Liberal Arts)  
 MORRIS BROADWAY HART, Bachelor of Science (Electrical Engineering), Bachelor of Arts (Liberal Arts)  
 FLOYD MELVIN HARTELIUS, Bachelor of Science (Electrical Engineering)<sup>4</sup>  
 MILES C HARTLEY, Bachelor of Arts (Mathematics)<sup>5</sup>  
 RYOZO MIKI HASHIMOTO, Bachelor of Arts (Liberal Arts)  
 WADE SHERMAN HATHORNE, Bachelor of Science (Chemistry)<sup>4</sup>  
 ZENAS FRANKLIN HATHORNE, Bachelor of Science (General Business)  
 JOSEPH BULKLEY HAWKES, Bachelor of Arts (Liberal Arts)  
 JEAN ELIZABETH HAWES, Bachelor of Arts (Home Economics)  
 AGNES MAY HAWORTH, Bachelor of Science (Home Economics)  
 HARRY SLOAN HAWORTH, Bachelor of Science (Civil Engineering)  
 PORTER WAND HAY, Bachelor of Science (Mechanical Engineering)  
 DULCIE HAYES, Bachelor of Arts (Liberal Arts)  
 ETHEL MARGUERITE HAYS, Bachelor of Arts (Liberal Arts)  
 GENEVIEVE ELIZABETH HAYS, Bachelor of Arts (Liberal Arts)  
 ROBERT WILLIAM HAYWARD, Bachelor of Science (Agriculture)  
 WILLIAM ELMER HAZELRIGG, Bachelor of Arts (Liberal Arts)  
 MILDRED DOROTHY HEATH, Bachelor of Arts (Home Economics)  
 WALTER ARTHUR HEATH, Bachelor of Arts (Mathematics)<sup>4</sup>  
 ERVIN JOHN HECKEL, Bachelor of Science (Agriculture)  
 ROLAND LOUIS HEDRICH, Bachelor of Science (Mechanical Engineering)  
 GERALDINE DAETTE HEGERT, Bachelor of Science (Education)  
 HENRY EDWARD ORVILLE HEINEMAN, Bachelor of Science (Chemical Engineering)  
 POWIS LEE HEITMEYER, Bachelor of Arts (Liberal Arts)  
 NORTON EVANS HELLSTROM, Bachelor of Science (Education)  
 DONALD MILLS HEMB, Bachelor of Science (General Business)  
 RUSSELL DEWEY HENDERSON, Bachelor of Science (Architecture)  
 FRED A HENNINGER, JR., Bachelor of Science (Architecture)  
 BERNARD EDWARDS HENRY, Bachelor of Science (Industrial Administration)  
 BERNICE FERN HENRY, Bachelor of Arts (Liberal Arts)

<sup>1</sup>Degree conferred February 13, 1923.

<sup>2</sup>With final honors.

<sup>3</sup>With honorable mention.

<sup>4</sup>Degree conferred October 27, 1923.

<sup>5</sup>With high honors.

<sup>6</sup>With special honors.

VERNON WILMOT HENRY, Bachelor of Science (Accountancy)  
 HAROLD HENRY HERBERT, Bachelor of Science (Civil Engineering)  
 ARLYN GEORGE HERCHE, Bachelor of Science (Banking)  
 FRANK ANDREW HERMAN, Bachelor of Science (General Business)  
 MILDRED KATHERINE HERRICK, Bachelor of Arts (Liberal Arts)  
 RALPH BENJAMIN HERZOG, Bachelor of Arts (Liberal Arts)  
 MALCOLM FARNSWORTH HESLIP, Bachelor of Science (General Business)  
 GEORGE BATCHELDER HESSER, Bachelor of Science (Accountancy)<sup>1</sup>  
 ALFRED S HEUSNER, Bachelor of Science (Education)  
 GEORGE CAYENDER HEWES, Bachelor of Science (Architectural Engineering)  
 ALLAN RAY HICKMAN, Bachelor of Science (Civil Engineering)<sup>1</sup>  
 MARTHA CONCORDIA HIELSCHER, Bachelor of Science (Education)  
 ELLA MAY HIGHAM, Bachelor of Science (Education)  
 IMOGENE HIGHFILL, Bachelor of Arts (Home Economics)  
 ESTHER ANNA HIKES, Bachelor of Arts (Liberal Arts)<sup>2</sup>  
 GEORGIA HILGARD, Bachelor of Arts (Romance Languages)<sup>3</sup>  
 SAM HOUSTON HILL, Bachelor of Science (Physical Education)  
 TRACY WOODWARD HIMRON, Bachelor of Science (General Business)  
 WILLIAM BERRARD HINCKE, Bachelor of Science (Chemical Engineering)<sup>4</sup>  
 JOHN RUSSELL HINDLE, Bachelor of Science (Agriculture)  
 NOVA OVALLA HISER, Bachelor of Arts (Liberal Arts)  
 MARELL HENRY HOAKE, Bachelor of Science (Agriculture)  
 BERTHA ELIZABETH HOBBS, Bachelor of Arts (Liberal Arts)  
 FRANK AMOS HOBSON, Bachelor of Science (Agriculture)  
 HARRY LLOYD HODDE, Bachelor of Science (General Business)  
 ROBERT CHATFIELD HODGIN, Bachelor of Science (Floriculture)  
 HERBERT HOEFER, Bachelor of Science (Architectural Engineering)  
 FRANCES BERNICE HOFFMANN, Bachelor of Arts (Liberal Arts)  
 JOHN REGER HOINVILLE, Bachelor of Science (Agriculture)  
 CARL HOKENSON, Bachelor of Science (Chemical Engineering)  
 AMY IRENE HOLLEM, Bachelor of Music<sup>5</sup>  
 JOHN DELOS HOLLOWELL, JR., Bachelor of Science (General Business)  
 COEN EDWARD HOLSAPPLE, Bachelor of Science (Education)  
 WILLIAM HENRY HOLST, Bachelor of Arts (Liberal Arts)  
 JAMES BENJAMIN HOLSTON, Bachelor of Science (Electrical Engineering)  
 FORREST WEBB HOLTER, Bachelor of Arts (Liberal Arts)  
 ALVIN HOLTZ, Bachelor of Science (General Business)  
 CHARLES OLIVER HOOPES, Bachelor of Science (Landscape Gardening)  
 GLENN FRANKLIN HOOVER, Bachelor of Science (Agriculture)  
 HELEN MILLAR HOPKINS, Bachelor of Arts (Liberal Arts)  
 REINHOLD WILLIAM HORN, Bachelor of Science (General Business)  
 RUTH HERMIONE HORNER, Bachelor of Arts (Liberal Arts)  
 JAMES DAVID HORNER, Bachelor of Science (Agriculture)  
 OREN GLENN HORN, Bachelor of Science (Agriculture)  
 ALBERT JOSEPHSON HORRELL, Bachelor of Science (General Business)<sup>2</sup>  
 LESTER RICHARD HORST, Bachelor of Science (General Business)<sup>1</sup>  
 FRANK GRAEFF HORTON, Bachelor of Science (Industrial Administration)  
 FLORENCE HOSKINS, Bachelor of Arts (Home Economics)  
 HELEN JUNE HOTTINGER, Bachelor of Arts (Liberal Arts)  
 DOROTHY DUDLEY HOUCK, Bachelor of Arts (Liberal Arts)<sup>4</sup>  
 WAVERLY ISABELLE HOUSTON, Bachelor of Arts (Liberal Arts)  
 DOROTHY ESTHER HOWE, Bachelor of Science (Landscape Gardening)  
 FREDERICK KING HOWE, Bachelor of Science (Civil Engineering)  
 ROSCOE LELAND HOWE, Bachelor of Science (Agriculture)  
 OLIVER WILLIS HOWELL, Bachelor of Science (General Business)  
 RUTH FRANCES HUBBART, Bachelor of Arts (Home Economics)  
 ENOS GEORGE HUFFER, Bachelor of Science (Agriculture)  
 MORRIS NELSON HUGHES, Bachelor of Science (General Business)<sup>2</sup>  
 ARTHUR COLE HUMPHREY, Bachelor of Science (General Business)<sup>4</sup>  
 GLADYS HUMRICHOUSE, Bachelor of Arts (Liberal Arts)<sup>2</sup>  
 NELLIE FRANCES HUNT, Bachelor of Arts (Liberal Arts)  
 WILEY EMERY HUNT, Bachelor of Science (General Business)<sup>2</sup>  
 WILLIAM CLARE HUNT, Bachelor of Science (Foreign Commerce)  
 GAIL MARJORY HUNTOON, Bachelor of Arts (Liberal Arts)  
 RICHARD IBEN, Bachelor of Science (Architectural Engineering)  
 ROBERT JOHN IMLAY, Bachelor of Science (Landscape Gardening)  
 HOWARD EMSLEY IRWIN, Bachelor of Science (Architecture)<sup>2</sup>  
 WESLEY SHERMAN IZZARD, Bachelor of Arts (Liberal Arts)  
 ANDREW STOKES JACKSON, Bachelor of Arts (Liberal Arts)<sup>1</sup>  
 ERNEST THEODORE JACKSON, Bachelor of Arts (Liberal Arts)<sup>1</sup>  
 EURIS J JACKSON<sup>4</sup>, Bachelor of Science (Education)<sup>4</sup>  
 RUSSELL RAYMOND JACKSON, Bachelor of Science (Electrical Engineering)  
 WALTER HENRY JACKSON, Bachelor of Science (Mining Engineering)  
 CARL CLIFFORD JACOBSON, Bachelor of Science (Mining Engineering)  
 MARY JAMES, Bachelor of Arts (Liberal Arts)  
 MARTIN ERNEST JANSSON, Bachelor of Science (Civil Engineering)  
 ARTHUR WILLIAM JANZ, Bachelor of Science (General Business)  
 JOHN DEWEY JEFFERS, Bachelor of Science (Architecture)  
 THOMAS EVERETT JERVIS, Bachelor of Science (Industrial Administration)

<sup>1</sup>Degree conferred October 27, 1923.

<sup>2</sup>Degree conferred February 13, 1923.

<sup>3</sup>With honorable mention.

<sup>4</sup>Degree conferred August 14, 1923.

<sup>5</sup>With thesis.

<sup>6</sup>With final honors.

CLIFFORD TVILSTEDGAARD JESSEN, Bachelor of Science (Agriculture)  
 JOSEPH EUGENE JEWETT, Bachelor of Science (Civil Engineering)  
 GERTRUDE EMILY JIMENEZ, Bachelor of Arts (Liberal Arts)  
 MELLIE JOHN, Bachelor of Science (Education)  
 HARRY ALFRED JOHNS, JR., Bachelor of Science (General Business)  
 DEWEY WOODRUFF JOHNSON, Bachelor of Science (Civil Engineering)  
 HARRY BENJAMIN JOHNSON, Bachelor of Science (Industrial Administration)<sup>1</sup>  
 JAMES FRANCIS JOHNSON, Bachelor of Science (Agriculture)<sup>2</sup>  
 LELAND TAYLOR JOHNSON, Bachelor of Arts (Liberal Arts)  
 CHRISTINE ELIZABETH JONES, Bachelor of Science (Education)  
 DELMAR LEE JONES, Bachelor of Science (Agriculture)  
 HOWARD LEWIS JONES, Bachelor of Arts (Mathematics)<sup>3</sup>  
 LEWELLYN JONES, Bachelor of Science (Mechanical Engineering)  
 MARY JANE JONES, Bachelor of Arts (Liberal Arts)  
 HAROLD EMORY JORDAN, Bachelor of Science (Liberal Arts)<sup>4</sup>  
 LOUISE JOYNER, Bachelor of Arts (Liberal Arts)  
 ZELMA ZENOBIA KARRAKER, Bachelor of Science (Home Economics)  
 WILBERT EUGENE KARRENBROCK, Bachelor of Science (General Business)  
 BENJAMIN KARTMAN, Bachelor of Arts (Liberal Arts)  
 KARAM CHAND KATARIA, Bachelor of Science (Banking)  
 MUPPANA CHANAVIRAPPA KATTI, Bachelor of Science (Chemistry)<sup>2</sup>  
 VERNICE EVA KEACH, Bachelor of Arts (Home Economics)  
 HAROLD MARQUISS KEELE, Bachelor of Arts (Liberal Arts)  
 THEODOSIA JULIA KEELER, Bachelor of Arts (Liberal Arts)  
 CORINNE MARIE KELSO, Bachelor of Arts (Liberal Arts)  
 IRENE KENDALL, Bachelor of Science (Chemistry)<sup>5</sup>  
 JOHN HARVEY KENNEY, Bachelor of Science (Foreign Commerce)  
 MAHLON WESLEY KENNEY, Bachelor of Science (Electrical Engineering)  
 HERBERT MINER KENNY, Bachelor of Science (General Business)  
 DELBERT HARLOW KERCHNER, Bachelor of Arts (Liberal Arts)  
 RALPH KERR, Bachelor of Science (Agriculture)  
 EDWARD NICHOLAS KERRIGAN, Bachelor of Science (Mining Engineering)  
 ELIZABETH KERTIS, Bachelor of Science (Education)  
 CHESTER LEROY KIEFFER, Bachelor of Arts (Liberal Arts)  
 WILLIAM ANTHONY KIERAN, Bachelor of Science (General Business)<sup>6</sup>  
 HERSHEL ORVILLE KIRST, Bachelor of Science (Accountancy)<sup>2</sup>  
 MAX HAMILTON KIGHT, Bachelor of Science (Electrical Engineering)  
 LUCILLE FAUSTINE KYLE, Bachelor of Arts (Liberal Arts)<sup>1</sup>  
 JOHN CHARLES KINAHAN, Bachelor of Science (Chemical Engineering)  
 LOMAN TILMAN KING, Bachelor of Arts (Liberal Arts)  
 WALTER BERNARD KING, Bachelor of Science (Chemical Engineering)  
 OTIS MINOR KINGERY, Bachelor of Science (Agriculture)  
 RONALD EUGENE KINNEY, Bachelor of Science (General Business)<sup>4</sup>  
 VIVIAN MAURINE KIRKPATRICK, Bachelor of Arts (History)<sup>3</sup>  
 CLARENCE ANDREW KISSINGER, Bachelor of Science (Architecture)  
 FLORENCE ETHEL KITCHELL, Bachelor of Science (Home Economics)  
 RUTH HONSER KITCHELL, Bachelor of Science (Education)  
 NORMAN THOMAS KLAPOTH, Bachelor of Science (Electrical Engineering)  
 LEROY NATHAN KLEIN, Bachelor of Science (Chemical Engineering)  
 ERWIN CHRISTIAN KLINCKMANN, Bachelor of Science (Chemical Engineering)  
 LEONARD KLOPPER, Bachelor of Science (General Business)  
 MERLE DOUGLAS KNAPEIDE, Bachelor of Science (Chemistry)  
 GRETA LUCILE KNEER, Bachelor of Arts (Home Economics)  
 EVERETT WILLIAM KOCH, Bachelor of Science (Agriculture)  
 CYRIL JOSEPH KOCOUR, Bachelor of Science (Chemical Engineering)<sup>6</sup>  
 EDWIN ROBERT KOEHLER, Bachelor of Science (Civil Engineering)  
 KARL FREDERICK KOENIG, Bachelor of Science (Chemical Engineering)  
 RUSSELL OTTO KOENIG, Bachelor of Science (Landscape Gardening)  
 KATHRYN LOUISE KOLB, Bachelor of Arts (Home Economics)  
 HENRY KOLBEN, JR., Bachelor of Science (Mechanical Engineering)  
 OLIVER ERNST KOLMER, Bachelor of Science (Agriculture)  
 WILLIAM GEORGE KOVACS, Bachelor of Science (Mechanical Engineering)  
 JOSEPH BENJAMIN KOZELKA, Bachelor of Science (General Business)  
 RUBY D BUTTS KRAUSKOPF, Bachelor of Arts (Liberal Arts)  
 WILLIAM CHARLES KRAUTHEIM, Bachelor of Science (Mechanical Engineering)  
 MAX THOMAS KRONE, Bachelor of Arts (Sociology)<sup>3</sup>  
 PAUL MARTIN KROWS, Bachelor of Science (Agriculture)  
 PAUL FREDERICK KREUGER, Bachelor of Science (Agriculture)<sup>3</sup>  
 CHARLES EDWARD KRUSE, Bachelor of Science (Agricultural Education)  
 CHESTER STEPHEN KSIAZEK, Bachelor of Science (Mechanical Engineering)  
 EDWIN CHRIST KUEHL, Bachelor of Science (Civil Engineering)  
 CARL GERDING KUSTNER, Bachelor of Science (Mechanical Engineering)<sup>2</sup>  
 ROY JAY KYGER, Bachelor of Science (Education)<sup>1</sup>  
 ALFRED HENRY LABAHN, Bachelor of Arts (Liberal Arts)  
 GEORGIA LACKENS, Bachelor of Science (Education)<sup>2</sup>  
 REGINALD ROSS LACY, Bachelor of Science (Mining Engineering)  
 DWIGHT JOHN LADD, Bachelor of Arts (Chemistry)<sup>3</sup>  
 LIEN LAI, Bachelor of Science (Mechanical Engineering)  
 KATHRYN MARY LAMBERT, Bachelor of Science (Education)

<sup>1</sup>Degree conferred October 27, 1923.<sup>2</sup>With final honors.<sup>3</sup>With honorable mention.<sup>4</sup>Degree conferred February 13, 1923.<sup>5</sup>With special honors.<sup>6</sup>Degree conferred August 14, 1923.

KENNETH COGHAN LAMBERT, Bachelor of Science (Ceramic Engineering)  
 JOHN ALLEN LAMBRIGHT, Bachelor of Science (Education)  
 LEONARD ROLLINGS LAMPORT, Bachelor of Science (Railway Civil Engineering)  
 CHARLES HOWARD LANE, Bachelor of Science (General Business)  
 MILDRED LANTZ, Bachelor of Science (Home Economics)  
 ETTA CYNTHIA LARRY, Bachelor of Science (Home Economics)  
 HAROLD THEODORE LARSEN, Bachelor of Science (Civil Engineering)  
 GLADYS MADGE LARSON, Bachelor of Arts (Liberal Arts)  
 GODFREY WILLIAM LARSON, Bachelor of Science (Civil Engineering)  
 REINHOLD FRIDTJOF LARSON, Bachelor of Science (Mechanical Engineering)<sup>1</sup>  
 RHENE BEBWEYN LAW, Bachelor of Science (Physical Education)  
 HELEN ADELAIDE LAWRENCE, Bachelor of Science (Commercial and Civic Secretaries)<sup>2</sup>  
 RUTH LAWTON, Bachelor of Science (Home Economics)  
 HAROLD ELMER LAZIER, Bachelor of Science (Agriculture)  
 WILLIAM HOMER LEE, Bachelor of Science (General Business)  
 FRED GUSTAV LEHMANN, Bachelor of Science (Chemistry)<sup>2</sup>  
 OLIVER WENDELL HOLMES LEIGH, Bachelor of Science (Agriculture)  
 RUBY EDNA LENT, Bachelor of Arts (Liberal Arts)  
 DAVID RUSSEL LEPPER, Bachelor of Science (Industrial Administration)<sup>3</sup>  
 EDWARD FREDERICK LETHEN, JR., Bachelor of Science (Accountancy)  
 HAROLD THEODORE LEVERENZ, Bachelor of Science (Ceramic Engineering)  
 CHARLES LEVIN, Bachelor of Science (Mechanical Engineering)  
 MORRIS S LEVIN, Bachelor of Science (General Business)  
 SAMUEL ALBERT LEVY, Bachelor of Science (Physical Education)<sup>1</sup>  
 MARTHA ESTINE LEWIS, Bachelor of Arts (Liberal Arts)  
 CHEN-HSIEN LI, Bachelor of Science (Railway Administration)  
 PAO-LU LI, Bachelor of Science (Railway Administration)  
 YUNG LI, Bachelor of Science (Railway Administration)  
 EDSON PROSPER LICHTY, Bachelor of Science (General Business)  
 JUNG HSIANG LIN, Bachelor of Science (Railway Civil Engineering)  
 KUAN HUA LIN, Bachelor of Science (Banking)<sup>2</sup>  
 JAMES RALPH LINDLEY, Bachelor of Science (Electrical Engineering)  
 CAROLYN LINDQUIST, Bachelor of Science (Ceramic Engineering)  
 ROBERT JOHN LINDQUIST, Bachelor of Science (Accountancy)  
 EDITH LUCILLE LINGENFELTER, Bachelor of Science (Home Economics)  
 ALEXANDER McMERRAN LINN, Bachelor of Science (Architectural Engineering)  
 CLARENCE KENNETH LINNARD, Bachelor of Science (Agriculture)  
 CHEN CHANG LIU, Bachelor of Arts (Liberal Arts)<sup>4</sup>  
 CHARLES DAVID LONG, Bachelor of Science (Agriculture)  
 GLADYS NORA LONG, Bachelor of Science (Education)  
 NOAH GLYNNE LONG, Bachelor of Science (Agriculture)  
 FRANCES LOUISE LOOMIS, Bachelor of Arts (Liberal Arts)  
 MEYRAN ALFRED LOTZ, Bachelor of Arts (Liberal Arts)  
 CHI TIN LOU, Bachelor of Science (Mechanical Engineering)  
 FRANK ARMEN LOVE, Bachelor of Science (Agriculture)  
 HARRY HALME LOVE, Bachelor of Arts (Liberal Arts)  
 MARGARET LORRAINE LOW, Bachelor of Arts (Liberal Arts)  
 BURTON JAMES LOWE, Bachelor of Science (General Business)  
 MARY ELIZABETH LOWES, Bachelor of Arts (Liberal Arts)  
 LESTER A LUHNOW,<sup>1</sup> Bachelor of Science (Agriculture)<sup>2</sup>  
 EDGAR EMMANUEL LINDEEN, Bachelor of Science (Architecture)  
 GLADYS EVELYN LUNDY, Bachelor of Science (Home Economics)<sup>2</sup>  
 HAROLD HIRAM LURIE, Bachelor of Science (Chemical Engineering)  
 LESLIE WAYNE LUTYENS, Bachelor of Science (Accountancy)  
 CARL WALTER LUTZ, Bachelor of Science (Accountancy)  
 AVA JUANITA LYERLA, Bachelor of Arts (Liberal Arts)  
 HERBERT BARGIS LYNDE, Bachelor of Science (Electrical Engineering)  
 ARDIS LENORE LYNN, Bachelor of Arts (Liberal Arts)  
 CHESTER VERNON LYNN, Bachelor of Science (Civil Engineering)  
 ERNEST LEE LYONS, Bachelor of Science (Education)<sup>4</sup>  
 JOHN EBERT LYTLE, Bachelor of Science (Mechanical Engineering)  
 HAZEL MURPHY McADOO, Bachelor of Arts (Home Economics)  
 ROY EARL McAFOS, Bachelor of Science (Education)  
 ARVILLA PENNEY McCALL, Bachelor of Arts (Liberal Arts)  
 HAROLD BERKLEY McCARTY, Bachelor of Science (General Business)  
 DOROTHY JANE McCONNELL, Bachelor of Arts (Liberal Arts)  
 SILOS ALLISON McCULLOCH, Bachelor of Science (Mechanical Engineering)  
 ROBERT OSGOOD McCULLOUGH, Bachelor of Arts (Liberal Arts)  
 HARRY HENRY McCURDY, Bachelor of Science (Education)  
 FRANCIS O'NEILL McDERMOTT, Bachelor of Science (Accountancy)  
 EARL GEORGE McDONALD, Bachelor of Science (Chemistry)<sup>2</sup>  
 EDWARD CARROLL McDONALD, Bachelor of Science (Industrial Administration)  
 ETHEL LUCILE McDOUGLE, Bachelor of Arts (Home Economics)  
 JOHN PAUL McGEE, Bachelor of Science (Education)  
 MARGARET MARY McGRAW, Bachelor of Arts (Liberal Arts)  
 LETA McILVAIN, Bachelor of Science (Education)  
 MARGARET THOMPSON McINTYRE, Bachelor of Arts (Spanish)<sup>4</sup>  
 CLARK WILSON McKNIGHT, Bachelor of Science (Banking)  
 WILLA PAULINE McKOWN, Bachelor of Arts (Liberal Arts)  
 MARION CHRISTYNE McLEOD, Bachelor of Arts (Liberal Arts)

<sup>1</sup>With final honors.

<sup>2</sup>Degree conferred February 13, 1923.

<sup>3</sup>Degree conferred August 14, 1923.

<sup>4</sup>Degree conferred October 27, 1923.

<sup>5</sup>With honorable mention.



RUTH BELLE McMILLAN, Bachelor of Arts (Liberal Arts)<sup>1</sup>  
 WYLLIE MILFRED McMILLAN, Bachelor of Science (Electrical Engineering)  
 JORDAN REESE McNEILL, Bachelor of Science (Agriculture)<sup>2</sup>  
 HOBART ELLIS MACNAMEB, Bachelor of Science (Architectural Engineering)  
 HYMAN SINGER MAGID, Bachelor of Science (Ceramic Engineering)  
 SYED MAHMOOD, Bachelor of Science (Mining Engineering)<sup>3</sup>  
 GEORGE NATHAN MAIR, Bachelor of Science (Civil Engineering)  
 MARY KATHERINE MAJOR, Bachelor of Science (Education)  
 EDWARD BENJAMIN MALLERS, Bachelor of Arts (Liberal Arts)<sup>4</sup>  
 MAURICE EDWARD MANN, Bachelor of Science (Banking)  
 WILLIAM ALLEN MANN, Bachelor of Science (Electrical Engineering)<sup>4</sup>  
 MILDRED MANNON, Bachelor of Arts (Liberal Arts)  
 RICHARD SEARL MARR, Bachelor of Science (Agriculture)  
 LOWELL VINCENT SCHEIDECKER MARSHALL, Bachelor of Science (Agriculture)  
 THOMAS MARSHALL, Bachelor of Science (General Business)<sup>4</sup>  
 ALBERT THADDEUS MARTIN, Bachelor of Science (Agriculture)  
 CHARLES LESLIE MARTIN, Bachelor of Science (Architecture)  
 OLIVE EDEN MARTIN, Bachelor of Arts (Liberal Arts)<sup>1</sup>  
 RUTH LUCILLE MARTIN, Bachelor of Arts (Liberal Arts)  
 HENRY JOSEPH KUCHS MARX, Bachelor of Science (Industrial Administration)<sup>2</sup>  
 HENRY RUGGLES MATHIAS, Bachelor of Science (Chemical Engineering)<sup>2</sup>  
 MASASHI ALFERED MATSUMO, Bachelor of Science (Railway Civil Engineering)<sup>2</sup>  
 CLIFFORD JAMES MATTHYS, Bachelor of Science (Landscape Gardening)  
 JAMES ROY MAXEY, Bachelor of Science (Education)<sup>2</sup>  
 MARTHA ADELLE MAXWELL, Bachelor of Arts (Liberal Arts)<sup>1</sup>  
 OLEN EDGAR MAY, Bachelor of Science (Architectural Engineering)  
 TRUMAN WARD MAY, Bachelor of Science (Agricultural Education)  
 JACK GREENE MEARNs, Bachelor of Arts (Liberal Arts)  
 EVERETT STANLEY MEDER, Bachelor of Science (Architectural Engineering)  
 GEORGE DEWEY MEGEL, Bachelor of Science (General Business)  
 HENRY JOHN MEIER, Bachelor of Science (Mechanical Engineering)  
 PRESLEY WARREN MELTON, Bachelor of Science (Education)<sup>2</sup>  
 CALVIN MATEER MEREDITH, Bachelor of Science (Agriculture)  
 THEODORE HOWARD MERRIAM, Bachelor of Science (Agriculture)  
 JAMES FRANCIS MERRITT, Bachelor of Science (Accountancy)  
 ROBERT HERMAN MERSBACH, Bachelor of Science (General Business)  
 LESTER HUBERT MESSINGER, Bachelor of Science (Mechanical Engineering)  
 FRED A ELIZABETH METZGER, Bachelor of Science (Education)<sup>2</sup>  
 CLARENCE HERMAN MEYER, Bachelor of Science (General Business)  
 GEORGE MEYER, Bachelor of Science (General Business)  
 GEORGE WILLIAM MEYER, Bachelor of Science (General Business)  
 HELEN FLORENCE MEYER, Bachelor of Arts (Home Economics)<sup>2</sup>  
 JAMES HAROLD MEYER, Bachelor of Science (Chemistry)  
 ROY EDWARD MEYER, Bachelor of Science (Mechanical Engineering)<sup>4</sup>  
 WILBUR HENRY MEYER, Bachelor of Science (Agriculture)  
 JOHN CLARKE MICHAEL, Bachelor of Science (Chemistry)<sup>4</sup>  
 RUTH EDITH MICHELMAN, Bachelor of Science (Education)  
 JEWEL REUBEN MIDKIRK, Bachelor of Science (General Business)<sup>4</sup>  
 ANDREW KLEY MILLER, Bachelor of Arts (Liberal Arts)  
 BERTIE ETHEL MILLER, Bachelor of Arts (Liberal Arts)<sup>1</sup>  
 ESTHER LINNEA MILLER, Bachelor of Science (Home Economics)  
 HELEN CATHERINE MILLER, Bachelor of Science (General Business)<sup>4</sup>  
 MARY NOREENE MILLER, Bachelor of Arts (Liberal Arts)  
 PHILIP LOUIS MILLER, Bachelor of Arts (Liberal Arts)  
 VINCENT DEWEY MILLIKEN, Bachelor of Science (Mechanical Engineering)<sup>4</sup>  
 ABE MILLS, Bachelor of Science (Agriculture)  
 ROBERT ROURKE MILLS, Bachelor of Science (Civil Engineering)  
 VICTOR CHURCHILL MILLS, Bachelor of Science (Liberal Arts)  
 MERLE VERNE THOMAS MINERS, Bachelor of Science (Mechanical Engineering)  
 LEONE MARIE MINNICK, Bachelor of Arts (Liberal Arts)  
 LEVA ELIZABETH MISSMAN, Bachelor of Arts (Liberal Arts)  
 BEULAH MITCHELL, Bachelor of Arts (Liberal Arts)  
 EVERETT MOFFET, Bachelor of Science (Banking)  
 JOHN FRANKLIN MOFFETT, Bachelor of Science (Agriculture)  
 WALTER RUDOLPH MOGLER, Bachelor of Science (Architectural Engineering)  
 LOUIS EDWARD MOHR, Bachelor of Science (Civil Engineering)  
 WILLIAM HENRY MONSSON, Bachelor of Science (Chemical Engineering)<sup>4</sup>  
 PAUL ANDREW MOODY, Bachelor of Science (Mechanical Engineering)<sup>4</sup>  
 HUBERT CALVIN MOOR, Bachelor of Science (Education)  
 LESLIE WILBER MOORE, Bachelor of Science (Agriculture)  
 CARL FLANDERS MOREHEAD, Bachelor of Science (General Business)  
 NORRIS GOULD MORGAN, Bachelor of Science (Agriculture)<sup>4</sup>  
 ROSCOE WILLIAM MORTON, Bachelor of Science (Mechanical Engineering)  
 DUDLEY BERTIE DAVID MOSES<sup>2</sup>, Bachelor of Science (Agriculture)<sup>4</sup>  
 RICHARD MERRITT MOTT, Bachelor of Science (Mechanical Engineering)  
 RALPH EDWARD MOWERY, Bachelor of Science (Accountancy)  
 ETHEL EUGENIA MUCHMORE, Bachelor of Science (Home Economics)  
 MABEL VALERIA MUCHMORE, Bachelor of Science (Home Economics)  
 MARGARET WILHELMINE MUELLER, Bachelor of Science (Education)  
 WALTER ALFRED MUELLER, Bachelor of Arts (Liberal Arts)<sup>4</sup>

<sup>1</sup>Degree conferred August 14, 1923.<sup>2</sup>With final honors.<sup>3</sup>Degree conferred February 13, 1923.<sup>4</sup>Degree conferred October 27, 1923.<sup>5</sup>With special honors.

LAWRENCE RAY MULLEN, Bachelor of Arts (Liberal Arts)  
 DWIGHT CURTIS MUMFORD, Bachelor of Science (Agriculture)<sup>1</sup>  
 JOHN DWIGHT MUNCIE, Bachelor of Arts (Liberal Arts)<sup>2</sup>  
 OTTO SERAPHIM MUNDY, Bachelor of Science (Ceramic Engineering)  
 HELEN LYDIA MUNROE, Bachelor of Arts (Liberal Arts)  
 MARY MOORE MUNSON, Bachelor of Science (Home Economics)  
 EDITH JESSIE MURCH, Bachelor of Science (Landscape Gardening)  
 MILDRED MURCH, Bachelor of Science (Liberal Arts)  
 FLORENCE VICTORIA MURPHY, Bachelor of Arts (Liberal Arts)  
 CARMEN COUGHENOUR MURPHY, Bachelor of Science (Accountancy)<sup>1</sup>  
 DANIEL CORNELIUS MURPHY, Bachelor of Science (General Engineering)<sup>1</sup>  
 MARVEY CLYDE MURPHY, Bachelor of Science (Accountancy)  
 LAWRENCE WEBSTER MURPHY, Bachelor of Science (Agriculture)  
 JOHN ROSS MURRAY, Bachelor of Science (Civil Engineering)  
 ROWLAND HILL MURRAY, Bachelor of Science (General Business)  
 SAMUEL WALTER MURRAY, Bachelor of Science (General Business)  
 RHODA MARIA MUSFELDT, Bachelor of Arts (Spanish)<sup>2</sup>  
 ARTHUR STOWELL MUSSON, Bachelor of Science (Industrial Administration)  
 FRANKLIN RUDOLPH MYERS, Bachelor of Arts (Liberal Arts)  
 ROBERT WILLIAM NAEF, Bachelor of Science (Architectural Engineering)  
 GERTRUDE ELIZABETH NAGEL, Bachelor of Arts (Liberal Arts)  
 PAGADAM NARASIM ETHIRAJ NAIDU, Bachelor of Arts (Liberal Arts)  
 WALTER NEILL, Bachelor of Science (General Business)  
 SAMUEL OWEN NEISWANGER, Bachelor of Science (Ceramic Engineering)  
 RUBEN OTTO NELSON, Bachelor of Science (Civil Engineering)  
 JASON WALLACE NEMOYER, Bachelor of Science (Municipal and Sanitary Engineering)  
 ESTELLA ELIZABETH NESBITT, Bachelor of Arts (Home Economics)  
 ROBERT LOUIS NEUMANN, Bachelor of Science (Accountancy)  
 CLEDA BLANCHE NEVILLE, Bachelor of Arts (English)<sup>2</sup>  
 HENRY WELLS NEVIN, Bachelor of Science (General Business)  
 MAURINE LOUISE DENNY NEVIN, Bachelor of Arts (Liberal Arts)  
 ALLYN DAVIS NEWBOLD, Bachelor of Science (Civil Engineering)  
 GENE EDGAR NEWBURN, Bachelor of Science (Agriculture)  
 ROY LEO NEWMAN, Bachelor of Science (General Business)  
 TAK KEI NG, Bachelor of Science (Chemical Engineering)  
 ROBERT NAIRNE NICHOLS, Bachelor of Science (Architectural Engineering)  
 SELMA ALICE NIEDERGESAEISS, Bachelor of Science (Home Economics)  
 ISABELLE EUGENIA NIMS, Bachelor of Arts (History)<sup>2</sup>  
 VALIANT GALE NIMS, Bachelor of Science (Education)<sup>2</sup>  
 HENRY WIEGHORST NISSEN, Bachelor of Arts (Liberal Arts)  
 REUBEN PRIESTLEY NOBLE, Bachelor of Science (General Business)  
 CLARENCE REDDEN NOBLES, Bachelor of Science (Agriculture)  
 CHARLES WALTER NOONAN, Bachelor of Science (General Business)<sup>2</sup>  
 RALPH SACKETT NORRIS, Bachelor of Science (Agriculture)  
 EDITH MARGARET NORRISH, Bachelor of Arts (Liberal Arts)  
 CARLTON DRURY NORTHAM, Bachelor of Science (Mechanical Engineering)<sup>2</sup>  
 ESTHER MERCEDES NOTHENBERG, Bachelor of Arts (Liberal Arts)  
 AUGUST LOUIS NOVOTNY, Bachelor of Science (General Business)  
 RALPH ELMO NOWLAN, Bachelor of Science (Agriculture)  
 CHARLES EDMUND NOYES, Bachelor of Arts (Liberal Arts)<sup>4</sup>  
 FAY EDISON NULL, Bachelor of Science (Electrical Engineering)  
 JUNIEUR DONALD OAKES, Bachelor of Science (General Business)<sup>4</sup>  
 ELLEN KATHERINE OCKER, Bachelor of Science (Education)<sup>2</sup>  
 JOHN BERNARD O'CONNELL, Bachelor of Science (Railway Electrical Engineering)<sup>1</sup>  
 EDWARD JOHN O'CONNOR, Bachelor of Science (General Business)  
 ARTHUR HARRIMAN OEHL, Bachelor of Arts (Liberal Arts)<sup>2</sup>  
 ALVIN WILLIAM OEHLER, Bachelor of Science (Industrial Administration)  
 RALPH HENRY OJEMANN, Bachelor of Science (Education)<sup>2</sup>  
 MAURICE OLCHOFF, Bachelor of Science (Mechanical Engineering)  
 OVIDIO OLIVERAS, Bachelor of Arts (Liberal Arts)<sup>4</sup>  
 MARY LOUISE O'MEARA, Bachelor of Arts (Liberal Arts)  
 OTTILIE ELSIE OSTERLOH, Bachelor of Arts (Liberal Arts)  
 EDWARD HENRY OTT, Bachelor of Science (General Business)  
 GEORGE OTT, Bachelor of Science (Mechanical Engineering)  
 ORVILLE RAPHAEL OVERY, Bachelor of Science (Accountancy)  
 GEORGE EDWIN OWEN, Bachelor of Science (Banking)<sup>4</sup>  
 WALDEN WILLIAM PAAPE, Bachelor of Science (Agricultural Education)<sup>4</sup>  
 JOHN ARCHER PAGE, Bachelor of Science (General Business)  
 KIRK LEE PAGE, Bachelor of Science (Accountancy)  
 SHI LUEN PAN, Bachelor of Science (Banking)  
 ZELDA ELIZABETH PAPE, Bachelor of Science (Education)  
 KATHERINE JEANNETT PARCEL, Bachelor of Arts (Home Economics)  
 GENEVIEVE MARY PARKER, Bachelor of Arts (Home Economics)  
 SANFORD WELDING PARKER, Bachelor of Science (Industrial Administration)  
 JOHN EDWARD PARKS, Bachelor of Science (Electrical Engineering)<sup>4</sup>  
 ROBERT ROSS PARSONS, Bachelor of Arts (Liberal Arts)  
 EDWARD FRANCIS PARTRIDGE, Bachelor of Science (Agriculture)<sup>2</sup>  
 MOOLJIBHAI SHIVABHAI PATEL, Bachelor of Science (Chemistry)  
 ELLEN JEAN PATERSON, Bachelor of Arts (Home Economics)  
 DONALD CARL PATTEN, Bachelor of Science (General Business)

<sup>1</sup>With final honors.

<sup>2</sup>Degree conferred October 27, 1923.

<sup>3</sup>With honorable mention.

<sup>4</sup>Degree conferred February 13, 1923.

<sup>5</sup>Degree conferred August 14, 1923.

NERA McCOLPIN PATTERSON, Bachelor of Arts (Liberal Arts)  
 DONALD McCCLURE PATTISON, Bachelor of Science (Agriculture)<sup>1</sup>  
 RICHARD HENRY PATTON, Bachelor of Science (Agriculture)  
 ANNA MARIE PATTON, Bachelor of Arts (Liberal Arts)  
 FRANKLIN KOREN PATTON, Bachelor of Science (General Business)<sup>2</sup>  
 ARTHUR DAVID PATTON, Bachelor of Science (General Business)  
 DWIGHT PEARCE, Bachelor of Arts (Liberal Arts)  
 HOWARD NELSON PEARSON, Bachelor of Science (General Business)  
 CLARIBEL EDNA PECK, Bachelor of Arts (Romance Languages)<sup>2</sup>  
 ESTELLE PECK, Bachelor of Arts (Liberal Arts)<sup>1</sup>  
 RUBY PECK, Bachelor of Arts (Home Economics)  
 DON CHARLES PEDEN, Bachelor of Science (Physical Education)  
 PETER COSTOFF PEEFF, Bachelor of Science (Mechanical Engineering)<sup>4</sup>  
 JESSE ALFRED PEEL, Bachelor of Science (Education)  
 RICHARD HILL PENTECOST, Bachelor of Science (General Business)  
 LURENA PERRINE, Bachelor of Arts (Home Economics)  
 THOMAS LAEMON PERRY, Bachelor of Science (Industrial Administration)  
 CHRISTOPHER SNIGDHAM PETERS, Bachelor of Science (Chemical Engineering)  
 JOHN WILLARD PETERSON, Bachelor of Science (Mechanical Engineering)  
 LEONARD NELS PETERSON, Bachelor of Science (General Business)  
 NEVA DEAN PETERSON, Bachelor of Arts (Liberal Arts)  
 BRUNO STANLEY PETRULIS, Bachelor of Science (Agriculture)<sup>2</sup>  
 STEWARD WILLIAM PETTIGREW, Bachelor of Science (General Business)<sup>5</sup>  
 ARTHUR EDWIN PREIFFER, Bachelor of Science (Mechanical Engineering)  
 FRANCIS JOSEPH PHALEN, Bachelor of Science (Education)  
 EDMUND STROTHER PHELPS, Bachelor of Arts (Liberal Arts)  
 ANDREW SHELDON PHILLIPS, Bachelor of Science (Architecture)  
 ERNA PHILLIPS, Bachelor of Science (Education)<sup>2</sup>  
 ELIZABETH KERNS PIGALL, Bachelor of Arts (Liberal Arts)  
 LELAND ARMIN PINKEL, Bachelor of Science (General Business)<sup>2</sup>  
 MARY LOUISE PITMAN, Bachelor of Arts (Liberal Arts)  
 ARTHUR F PLANCK, JR., Bachelor of Science (General Business)  
 PICS PAUL PLUNKETT, Bachelor of Science (Agriculture)  
 GABRIEL GARNER POINDEXTER, Bachelor of Arts (Liberal Arts)  
 RUSSELL LOWELL POLLITT, Bachelor of Science (Agriculture)  
 JAMES STUART POLLOCK<sup>6</sup>, Bachelor of Science (General Business)<sup>4</sup>  
 MAERYTA DANIEL POOLE, Bachelor of Music,<sup>7</sup> Bachelor of Science (Music Education)<sup>2</sup>  
 RUSSELL SPURGEON POOR, Bachelor of Science (Liberal Arts)  
 PHILIP ALEXANDER POPULORUM, Bachelor of Science (General Business)  
 FRANCES EUDORA POTTER, Bachelor of Arts (Liberal Arts)  
 KATHRYN WILDER POTTER, Bachelor of Arts (Liberal Arts)  
 GEORGE ROBERT POWELL, Bachelor of Science (Education)  
 GAIL KENNETH POTSER, Bachelor of Science (Agricultural Education)<sup>4</sup>  
 VERNON DEWEY PRATHER, Bachelor of Science (Agriculture)  
 HARRY EDWARD PRATT, Bachelor of Science (Physical Education)  
 SHIRAZ THOMAS PROSSER, Bachelor of Science (General Business)<sup>2</sup>  
 SRIPATI VENKATESH PUNTAMBEKER, Bachelor of Science (Chemical Engineering)  
 FLORENCE BRYANT PURSELL, Bachelor of Arts (Home Economics)<sup>1</sup>  
 WILLIAM ROBERT QUEEN, Bachelor of Science (Agriculture)  
 HUGH CLARKE RACINE, Bachelor of Science (Foreign Commerce)  
 ALFRED FREDERICK RADEKE, Bachelor of Science (General Business)  
 ALBERTA RAFFL, Bachelor of Science (Architecture)  
 LLOYD RAINEY, Bachelor of Science (Accountancy)  
 WALTER MATTHIAS RAKOW, Bachelor of Science (General Business)  
 HANS ROBERT RALL, Bachelor of Science (Civil Engineering)  
 ALBERT ALEXANDER RALSTON, Bachelor of Science (Electrical Engineering)  
 RALPH RICHARD RANNEY, Bachelor of Science (Agricultural Education)  
 ESTHER HULLING RAPP, Bachelor of Arts (Liberal Arts)  
 LAVERNE RAPP, Bachelor of Science (General Business)  
 EDVARD LAWRENCE RASMUSSEN, Bachelor of Science (General Business)  
 ALTA ELIZABETH RAVLIN, Bachelor of Science (Education)  
 ROBERT VERNON RAY, Bachelor of Science (Electrical Engineering)  
 SARAH ALMEDA REED, Bachelor of Arts (Liberal Arts)  
 FRED NELSON REEDER, Bachelor of Arts (History)<sup>2</sup>  
 CARL GODFRIED REETZ, Bachelor of Science (Civil Engineering)  
 VIVION NATHANIEL REHNQUIST, Bachelor of Science (Civil Engineering)  
 JOHN FRANKLIN REINBOTH, Bachelor of Arts (Liberal Arts)  
 EDGAR JACKSON RENNOE, Bachelor of Science (Banking)  
 SZANNE ZARTMAN RETHERFORD, Bachelor of Arts (Liberal Arts)  
 ALBERT HENRY REYNOLDS, Bachelor of Science (Chemical Engineering)<sup>1</sup>  
 HARRY ALLEN REYNOLDS, Bachelor of Science (Industrial Administration)  
 HUGH ELBA REYNOLDS, Bachelor of Arts (History)<sup>2</sup>  
 WILLIAM ADDISON RHODES, Bachelor of Science (General Business)  
 FREDERICK LELAND RICE, Bachelor of Science (General Business)  
 DAISY LEONA RICHARDS, Bachelor of Arts (Liberal Arts)  
 ALICE ELIZA RICHESON, Bachelor of Arts (English)<sup>2</sup>  
 JEANITA POE RICHEY, Bachelor of Music<sup>7</sup>  
 JOSEPH HALE RICHMOND, Bachelor of Science (Civil Engineering)  
 VELMA GRACE RIDDLE, Bachelor of Arts (Home Economics)<sup>1</sup>

<sup>1</sup>Degree conferred February 13, 1923.<sup>2</sup>Degree conferred October 27, 1923.<sup>3</sup>With honorable mention.<sup>4</sup>With final honors.<sup>5</sup>Degree conferred August 14, 1923.<sup>6</sup>Deceased June 3, 1923.<sup>7</sup>With thesis.

HERMAN RIDLEN, Bachelor of Arts (Liberal Arts)<sup>1</sup>  
 HAZEL FERN RIESE, Bachelor of Science (General Business)  
 JOHN HARMON RINDELL, Bachelor of Science (General Business)<sup>2</sup>  
 JOHN DAVID RISING, Bachelor of Science (Accountancy)  
 HARRY RAYMOND RITTER, Bachelor of Arts (Liberal Arts)  
 ALDEN GALLUP ROACH, Bachelor of Science (Civil Engineering)  
 HARRY FAY ROACH, JR., Bachelor of Arts (Liberal Arts)  
 DOROTHY ROSE ROARK, Bachelor of Arts (Home Economics)  
 KATHERYN ROSEMARY ROARK, Bachelor of Arts (Liberal Arts)<sup>3</sup>  
 EVERARD PACKARD ROBERTSON, Bachelor of Science (Electrical Engineering)  
 HUGH MACCKELLAR ROBINSON, Bachelor of Science (Mechanical Engineering)  
 ROSS OLIN ROBINSON, Bachelor of Science (Agriculture)  
 JAMES BURNHAM SANBORN ROCK, Bachelor of Science (Industrial Administration)  
 ROLAND A ROEPE, Bachelor of Science (General Business)  
 ADDA BELLE ROGERS, Bachelor of Arts (Liberal Arts)  
 FRANCIS MARIAN ROGERS, Bachelor of Arts (Liberal Arts)<sup>4</sup>  
 MARY JOSEPHINE ROGERS, Bachelor of Music<sup>5</sup>  
 WILLIAM PAUL ROGERS, Bachelor of Science (Commerce and Law)  
 FRED A PEARL ROSE, Bachelor of Arts (Liberal Arts)  
 ESTHER MAY ROSEBRAUGH, Bachelor of Arts (Home Economics)<sup>4</sup>  
 AINSLEY HAROLD ROSEEN, Bachelor of Science (General Business)  
 LLOYD CHARLES ROSEEN, Bachelor of Science (Agriculture)  
 IRVING HOWARD ROSEMAN, Bachelor of Science (General Business)<sup>5</sup>  
 HARRIET MORIEL ROSENBLUM, Bachelor of Arts (Liberal Arts)  
 JOSEPH K ROSENBLUTH, Bachelor of Science (Industrial Administration)  
 MORRIS GERO ROSENSTEIN, Bachelor of Science (Industrial Administration)  
 HARLEY MATTHEW ROSS, Bachelor of Science (Mechanical Engineering)<sup>2</sup>  
 ROBERT COOKE ROSS, A.B., Monmouth College, 1914, Bachelor of Science (Agriculture)<sup>2</sup>  
 THOMAS REX ROUTH, Bachelor of Science (Electrical Engineering)  
 JOHN ARTHUR ROVELSTAD, Bachelor of Science (General Business)<sup>2</sup>  
 THOMAS EVERITTE ROYAL, Bachelor of Science (Agriculture)  
 FRANCES DESMOND RUCKMAN, Bachelor of Arts (History)<sup>6</sup>  
 ROBERT JOHN RUDEY, Bachelor of Science (Railway Electrical Engineering)<sup>2</sup>  
 MARY ELIZABETH RUF, Bachelor of Arts (Liberal Arts)  
 EDNA BELLE RUPEL, Bachelor of Science (Education)<sup>1</sup>  
 ISAAC WALKER RUPEL, Bachelor of Science (Agriculture)  
 JOSEPH WILLIAM RUSSELL, Bachelor of Science (Agriculture)  
 WILLIAM EMMETT RYAN, Bachelor of Science (Mechanical Engineering)  
 LEONARD THOMAS SAALWAECHTER, Bachelor of Science (Education)<sup>3</sup>  
 VERLE WILLSON SAFFORD, Bachelor of Arts (Liberal Arts)  
 HELEN CHOWNING SAGER, Bachelor of Arts (Liberal Arts)<sup>3</sup>  
 AATTO PAIVIO SAHA, Bachelor of Science (Mechanical Engineering)  
 MARJORIE MOUTRIE SALTER, Bachelor of Arts (Liberal Arts)  
 JESSE SAMPSON, Bachelor of Science (Agriculture)  
 HELEN SANDERS, Bachelor of Arts (Home Economics)  
 WILLIAM CHAPPLE SANDERS, Bachelor of Science (General Business)<sup>3</sup>  
 ROBERT STILLSON SANFORD, Bachelor of Science (Mining Engineering)  
 ILLUMINADO CALUPITAO SANTOS, Bachelor of Science (Mechanical Engineering)  
 CHARLES RICHARD SATTGAST, Bachelor of Science (Agricultural Education)<sup>3</sup>  
 HOPE CODY SATTLEY, Bachelor of Arts (Liberal Arts)  
 HELEN SAVERY, Bachelor of Arts (Liberal Arts)  
 SOL SAVITZKI, Bachelor of Science (General Engineering)  
 CHARLES LEE SAXE, Bachelor of Science (Industrial Administration)  
 JOHN THOMAS SCANLAN,<sup>2</sup> Bachelor of Science (Chemistry)<sup>7</sup>  
 ROBERT WILLIAM SCANLAN, Bachelor of Science (Agriculture)  
 ELWOOD WILLIAM SCARRITT, Bachelor of Science (Chemistry)<sup>7</sup>  
 ELSA AUGUSTA SCHAPERKOTTER, Bachelor of Science (Commercial Teachers)  
 ARTHUR WESTON SCHER, Bachelor of Science (Physical Education)  
 CHARLES LOUIS SCHMALMAACH, Bachelor of Science (Electrical Engineering)<sup>4</sup>  
 PAUL EUGENE SCHMOLZE, Bachelor of Science (Foreign Commerce)  
 EMIL ST. ELMO SCHNELLBACHER, Bachelor of Arts (Liberal Arts)  
 KATHERINE HENRIETTA SCHOCK, Bachelor of Arts (Liberal Arts)  
 HENRY JOHN SCHOEFFLER, Bachelor of Science (General Business)  
 JOHN DIXON SCHOLFIELD, Bachelor of Science (Accountancy)  
 FREDERIC PORTER SCHRADER, Bachelor of Science (Civil Engineering)  
 FRIEDA LOUISE SCHROEDER, Bachelor of Arts (Liberal Arts)  
 WILLIAM CHRISTOPHER MARTIN SCHROEDER, Bachelor of Science (Accountancy)  
 LEONA MARGARET SCHUESSLER, Bachelor of Science (Education)  
 ELMER FREDERICK SCHULDT, Bachelor of Science (Chemical Engineering)<sup>7</sup>  
 GEORGE LOUIS SCHULER, Bachelor of Science (Mechanical Engineering)  
 CHARLES HERMAN SCHULTE, Bachelor of Science (Agriculture)<sup>4</sup>  
 FRANK ARTHUR SCHULTZ, Bachelor of Science (Industrial Administration)<sup>3</sup>  
 MYRTLE SCHULZ, Bachelor of Arts (Liberal Arts)  
 ELLA ROSELL SCHULZE, Bachelor of Arts (Liberal Arts)<sup>4</sup>  
 JEAN LUTHER SCHUREMAN, Bachelor of Science (General Business)<sup>1</sup>  
 ELWOOD EDGAR SCHWENK, Bachelor of Science (Architectural Engineering)  
 HERSHEY NEWTON SCOTT, Bachelor of Arts (Liberal Arts)<sup>1</sup>  
 RUSSELL SCOTT, Bachelor of Science (General Business)  
 THELMA ELIZABETH SCOTT, Bachelor of Arts (Liberal Arts)

<sup>1</sup>Degree conferred August 14, 1923.<sup>2</sup>With final honors.<sup>3</sup>Degree conferred October 27, 1923.<sup>4</sup>Degree conferred February 13, 1924.<sup>5</sup>With thesis.<sup>6</sup>With honorable mention.<sup>7</sup>With special honors.

WALTER JEFFERSON SCOTT, Bachelor of Science (Ceramic Engineering)  
 VERL RUE SEED, Bachelor of Arts (Liberal Arts)<sup>1</sup> Bachelor of Science (Banking)  
 DEANE CARLISLE SEVERANCE, Bachelor of Arts (Liberal Arts)<sup>2</sup>  
 GILBERT SIMS SEVERSON, Bachelor of Science (Agriculture)<sup>3</sup>  
 EDWIN WILLIAM SHAND, Bachelor of Science (Chemistry)  
 SAM OLIVER SHAPIRO, Bachelor of Arts (Liberal Arts)  
 FREDERIC WILLIAM SHAPPERT, JR., Bachelor of Science (Civil Engineering)  
 SAMUEL PHILIP SHARFMAN, Bachelor of Science (General Business)<sup>2</sup>  
 ABIA MORRIS SHARP, Bachelor of Science (General Business)  
 HENRY CORDE SHARP, Bachelor of Science (Industrial Administration)<sup>2</sup>  
 BYRON C SHARPE, Bachelor of Science (Industrial Administration)  
 RICHARD KENNETH SHATTUCK, Bachelor of Science (General Business)  
 LESTER ROY SHAY, Bachelor of Science (Agricultural Education)<sup>2</sup>  
 EVA LUCILLE SHEPARD, Bachelor of Arts (Liberal Arts)<sup>3</sup>  
 LIAN PO SHALO, Bachelor of Science (Chemical Engineering)<sup>2</sup>  
 JESSE ALLEN SHIPP, Bachelor of Science (Agriculture)  
 IRVING EDWARD SHOWERMAN, Bachelor of Science (General Business)<sup>1</sup>  
 ERMA GERTRUDE SHREINER, Bachelor of Arts (Liberal Arts)  
 FRANCES SHUTTS, Bachelor of Arts (Liberal Arts)  
 LENORE SIGLER, Bachelor of Arts (Liberal Arts)  
 LLOYD GEORGE SIGNED, Bachelor of Science (Civil Engineering)  
 SAUL ATMAN DILBERMAN, Bachelor of Science (Chemical Engineering)  
 ROBERT DONALD SILSRY, Bachelor of Science (Industrial Administration)  
 EMRY SELDON SIMMONDS,<sup>1</sup> Bachelor of Science (Education)<sup>4</sup>  
 WILLIAM HAROLD SIMMONS, Bachelor of Science (General Business)  
 PHILIP JEROME SIMON, Bachelor of Science (General Business)  
 EDWARD ARCHIBALD SINDEN, Bachelor of Science (General Business)  
 JAMES MADDEN SKINNER, Bachelor of Science (Civil Engineering)  
 CLARA MARY SLACK, Bachelor of Arts (Liberal Arts)  
 MARION WINIFRED SLEEZER, Bachelor of Arts (Liberal Arts)<sup>2</sup>  
 DOROTHEA SARA SLEPYAN, Bachelor of Science (General Business)  
 EDWARD SMALL, Bachelor of Science (Agriculture)  
 ANNIE MARY SMELLIE, Bachelor of Arts (Liberal Arts)  
 EVAUGHN HOPE SMITH, Bachelor of Arts (Liberal Arts)<sup>3</sup>  
 EVERETT FREM SMITH, Bachelor of Science (Electrical Engineering)  
 EVERETT WILLIAM SMITH, Bachelor of Science (Civil Engineering)  
 FRED ERNEST SMITH, Bachelor of Science (Chemistry)  
 HENRIETTA ELEANOR SMITH, Bachelor of Arts (Liberal Arts)  
 HOWARD LOUIS SMITH, Bachelor of Science (General Business)  
 HOWARD VERNON SMITH, Bachelor of Science (Agriculture)<sup>4</sup>  
 LLOYD LORENZO SMITH, Bachelor of Science (Railway Mechanical Engineering)<sup>2</sup>  
 MARY ELOISE SMITH, Bachelor of Arts (Home Economics)  
 NINA SMITH, Bachelor of Science (Education)  
 OLIVE LOUISE SMITH, Bachelor of Arts (Liberal Arts)  
 ORA SMITH, Bachelor of Science (Agriculture)  
 ORION OTIS SMITH, Bachelor of Science (Accountancy)  
 RUSSEL WILSON SMITH, Bachelor of Science (Agriculture)<sup>2</sup>  
 RUTH ELOISE SMITH, Bachelor of Arts (Liberal Arts)<sup>3</sup>  
 THURSTON WOODS SMITH, Bachelor of Science (Banking)<sup>2</sup>  
 WALTER THOMAS ROZEL SMITH, Bachelor of Arts (Liberal Arts)  
 CLARK J SMOUSE, Bachelor of Science (General Business)  
 GERTRUDE MARGARET SNELL, Bachelor of Arts (Liberal Arts)<sup>3</sup>  
 GLENN RALPH SNODGRASS, Bachelor of Science (Physical Education)  
 VICTOR LIONEL SODERBERG, Bachelor of Science (Chemical Engineering)<sup>4</sup>  
 ALFRED LEON SOTIER, Bachelor of Science (Liberal Arts)  
 MAX SHANE SPARBERG, Bachelor of Science (Liberal Arts)<sup>3</sup>  
 MARY ELIZABETH SPARKS, Bachelor of Arts (Home Economics)  
 CLARENCE BENJAMIN SPAULDING, B.S., Illinois College, Bachelor of Science (Agriculture)  
 DOROTHY SPILLS, Bachelor of Arts (Liberal Arts)  
 FULFORD HOWE SPRAGUE, Bachelor of Science (General Business)  
 JOHN WILBUR SPRAGUE, Bachelor of Science (Agriculture)  
 FLORENCE MARTIN SROUT, Bachelor of Arts (Home Economics)  
 EDWARD HENRY STACHEL, Bachelor of Science (Electrical Engineering)  
 MARIE MAXIMOYNA STADNICHENKO, Bachelor of Arts (Liberal Arts)  
 HAROLD KING STAFFORD, Bachelor of Science (General Business)  
 ARCHIE EDWARD STAEL, Bachelor of Science (Industrial Administration)  
 MARGUERITE EVA STARK, Bachelor of Arts (Liberal Arts)<sup>2</sup>  
 MAX WILLIAM STARK, Bachelor of Science (General Business)  
 ELVA ELIZABETH STARK, Bachelor of Arts (Mathematics)<sup>2</sup>  
 NAOMI ANNETTE STEINBERG, Bachelor of Science (Education)  
 CLARENCE JOSEPH STEINMAN, Bachelor of Science (General Business)  
 WILLIAM IGNATIUS STEINWELL, Bachelor of Science (Civil Engineering)<sup>2</sup>  
 LEWIS STEPHENS, Bachelor of Science (Education)  
 EUGENE JULES STERN, Bachelor of Science (General Business)<sup>3</sup>  
 ALBERT BEVERIDGE STEVENS, Bachelor of Science (Mining Engineering)  
 ARTHUR MERCHANT STEVENS, Bachelor of Science (Banking)<sup>3</sup>  
 FRANCES LUCILLE STEVENS, Bachelor of Science (Home Economics)  
 PAULINE ROBERTA STEVENSON, Bachelor of Arts (Liberal Arts)<sup>4</sup>  
 ROSS JAMES STEVENSON, Bachelor of Science (Mechanical Engineering)

<sup>1</sup>Degree conferred August 14, 1923.<sup>2</sup>Degree conferred October 27, 1923.<sup>3</sup>Degree conferred February 13, 1923.<sup>4</sup>With final honors.<sup>5</sup>With thesis.<sup>6</sup>With special honors.<sup>7</sup>With honorable mention.

DAVID JACKSON STEWART, Bachelor of Science (Civil Engineering)  
 HAROLD KILE STEWART, Bachelor of Science (Agriculture)  
 MADGE LUCILE STEWART, Bachelor of Science (Home Economics)  
 WILLIAM MARTIN STEWART, Bachelor of Science (Accountancy)  
 CLIFFORD STICKNEY, Bachelor of Arts (Liberal Arts)  
 EDNA JOANNE STIEGEMEYER, Bachelor of Arts (Liberal Arts)  
 ROY JENNINGS STILL, Bachelor of Science (Education)<sup>1</sup>  
 LEONA BERTHA STOEVENER, Bachelor of Arts (Home Economics)  
 ALMA STOLL, Bachelor of Science (Liberal Arts)  
 HERBERT MANUEL STOLL, Bachelor of Science (Civil Engineering)  
 GEORGE MICHAEL STRADER, Bachelor of Science (Architectural Engineering)  
 KENNETH HAROLD STRADER, Bachelor of Science (Chemical Engineering)  
 LORENZ GEORGE STRAUB, Bachelor of Science (Civil Engineering)<sup>2</sup>  
 EVAN BRYSON STRAUSS, Bachelor of Science (Banking)  
 HAROLD HUDDARD STRINGER, JR., Bachelor of Science (General Business)  
 MEARL DONALD STROMBECK, Bachelor of Science (Industrial Administration)  
 FRED HARRY STRONG, Bachelor of Science (Commerce)<sup>1</sup>  
 RAY EDISON STUBBLEFIELD, Bachelor of Science (Agriculture)  
 HENRY GEORGE SUEHERSTEDT, Bachelor of Science (Civil Engineering)  
 PAUL HARRY SULLIVAN, Bachelor of Science (General Business)  
 CARL EVERETT SWARTZ, Bachelor of Science (Chemistry)<sup>3</sup>  
 CLAIR VERE SWEARINGEN, Bachelor of Science (Municipal and Sanitary Engineering)  
 JAMES ISAAC SWEARINGEN, Bachelor of Science (Education)  
 PAUL CUNLIFFE SWEET, Bachelor of Science (Physical Education)  
 HELEN LOUISE SWIFT, Bachelor of Arts (Liberal Arts)  
 GEORGE BENJAMIN SWITZER, Bachelor of Arts (Psychology)<sup>4</sup>  
 MANUEL TAMBORREL, Bachelor of Science (Chemical Engineering)  
 AENID EMILIE TANKERSLEY, Bachelor of Arts (Liberal Arts)  
 CHARLES GILMAN TARBELL, Bachelor of Science (General Business)  
 BERT SIDNEY TAYLOR, Bachelor of Science (Chemistry)<sup>3</sup>  
 GEORGE Y TAYLOR, JR., Bachelor of Science (Electrical Engineering)  
 CLAUDE MARION TEMPLE, Bachelor of Arts (Liberal Arts)  
 MARK MILLER TEMPLETON, Bachelor of Science (Chemistry)<sup>4</sup>  
 JOHN SAMUEL TENDICK, Bachelor of Science (General Business)  
 JOHN ERNEST TEUSCHER, Bachelor of Science (Physical Education)  
 EDWIN WILLIAM THACKHAM, Bachelor of Science (Commerce)<sup>1</sup>  
 BESSIE ALICE THAYER, Bachelor of Arts (Liberal Arts)  
 KOH TIE THE, Bachelor of Science (Banking)  
 EMERY GEORGE THIEL, Bachelor of Science (Accountancy)  
 JAMES GLADWYN THOMAS, Bachelor of Arts (Liberal Arts)  
 RAYMOND STANLEY THOMAS, Bachelor of Science (General Business)  
 RALPH LANGSTON THOMPSON, Bachelor of Science (General Business)  
 WILLIAM FERGUSON THORNTON, Bachelor of Science (Civil Engineering)  
 CHAUNCEY ALBERT THRASHER, Bachelor of Science (Chemical Engineering)  
 RUTH ELIZABETH THRASHER, Bachelor of Arts (Mathematics)<sup>4</sup>  
 BERT JUSTUS TIEDMANN, Bachelor of Science (Liberal Arts)  
 MARION HANNAH TILDS, Bachelor of Arts (Home Economics)  
 RUTH EMMA TUCKER, Bachelor of Arts (Home Economics)  
 JOHN WILLIAM TILSEY, Bachelor of Science (Agriculture)<sup>1</sup>  
 JOHN FRANCIS TOBIN, Bachelor of Science (Mechanical Engineering)<sup>2</sup>  
 IDA FLORENCE TOD, Bachelor of Science (Education)  
 BERNARD A TOMLIN, Bachelor of Science (Agriculture)  
 GEORGE EDWARD TOMM, Bachelor of Science (Agriculture)  
 NELLIE FERNE TOWNSEND, Bachelor of Science (Banking)<sup>4</sup>  
 KATHRYN IRENE TOWNSELY, Bachelor of Arts (Liberal Arts)  
 FRANCIS HARRY TRAUT, Bachelor of Science (General Business)  
 HENRY WILLIAM TRAUTMANN, Bachelor of Science (Agriculture)  
 LAURA EMMA TREADWELL, Bachelor of Arts (Liberal Arts)  
 ETHEL MILDRED TREE, Bachelor of Science (Industrial Education)  
 HOWARD RAYMOND TRENKLE, Bachelor of Science (General Business)  
 RAPHAEL FERRER TRIAS, Bachelor of Science (General Business)  
 LAURENCE FULLER TRIGGS, Bachelor of Arts (Liberal Arts)  
 EDWIN CUBBERLEY TUKEY, Bachelor of Science (General Business)  
 JOHN GORDON TUCKER, Bachelor of Science (Electrical Engineering)  
 LE ROY TUCKER, Bachelor of Arts, Bachelor of Science (Railway Civil Engineering)<sup>2</sup>  
 GERTRUDE DODGE TUKET, Bachelor of Science (Liberal Arts)  
 SHU DOH TUNG, Bachelor of Science (Mechanical Engineering)  
 JONATHAN BALDWIN TURNER, Bachelor of Science (Agriculture)  
 LEONARD CHRISTIAN TURNER, Bachelor of Science (General Business)<sup>1</sup>  
 LEWIS McDONALD TURNER, Bachelor of Science (Education)  
 JOHN DONALD TUTTLE, Bachelor of Science (Architecture)  
 JAMES ARTHUR TWARDOCK, Bachelor of Science (Agriculture)<sup>2</sup>  
 STANLEY CLEMENS UCHAEZ, Bachelor of Science (Agriculture)  
 ORION ULREY, Bachelor of Science (Agriculture)  
 GERTRUDE ELIZABETH ULBICH, Bachelor of Arts (Liberal Arts)  
 CHRIS UNPHLET, Bachelor of Arts (Liberal Arts)  
 CLARENCE BRUCE UHTS, Bachelor of Science (Architectural Engineering)<sup>2</sup>  
 NINA LEE VAIL, Bachelor of Science (Education)  
 PAUL ANDREW VANCE, Bachelor of Science (Electrical Engineering)  
 MARIA MARGARIA VAN DEN BUSCHE, Bachelor of Arts (Liberal Arts)  
 HOOP STEYN VAN GRAAN, Bachelor of Science (Railway Administration)

<sup>1</sup>Degree conferred October 27, 1923.<sup>2</sup>With final honors.<sup>3</sup>With special honors.<sup>4</sup>With honorable mention.<sup>5</sup>Degree conferred February 13, 1923.

CONSTANCE MURIEL BEVERLY VERCOE, Bachelor of Arts (Liberal Arts)  
 WILLIAM JENNINGS VERONDA, Bachelor of Science (Industrial Administration)  
 STURGIS LAVERNE VICTOR, Bachelor of Science (Agriculture)  
 OTTO HENRY VOGEL, Bachelor of Science (Education)  
 RALPH EMERSON VOGEL, Bachelor of Science (Mechanical Engineering)<sup>1</sup>  
 HAZEL DOLORES VOTAW, Bachelor of Science (Education)  
 THEODORE WILLIAM WAGENKNECHT, Bachelor of Science (General Business)<sup>1</sup>  
 ALGERNON ROBERTS WAGENKNEIGHT, JR., Bachelor of Science (Agriculture)  
 CHARLES VAN WAGGONER, Bachelor of Arts (Liberal Arts)  
 ARMIN AUGUST WAHLBRINK, Bachelor of Science (Education)<sup>1</sup>  
 GEORGE HENRY WALBERT, Bachelor of Science (Accountancy)<sup>1</sup>  
 LEE EARL WALKER, Bachelor of Science (Agriculture)  
 WARD SMITH WALKER, Bachelor of Science (Agriculture)  
 GEORGE IRA WALLACE, Bachelor of Science (Agriculture)  
 HENRY SMITH WALLACE, Bachelor of Science (Education)  
 WENDELL WAYNE WALLACE, Bachelor of Science (Civil Engineering)  
 MARINO RAYMOND WALLIN, Bachelor of Science (Electrical Engineering)<sup>1</sup>  
 ANNO VERNON WALTERS, Bachelor of Science (Education)  
 JAMES GARLAND WALTERS, Bachelor of Science (Banking)  
 HARRY COLLINS WAMPLER, Bachelor of Science (Agricultural Education)  
 ELSIE LOUISE WANZER, Bachelor of Science (Liberal Arts)  
 LESLIE ORLANDO WARD, Bachelor of Science (Accountancy)  
 LEWIS JOSEPH WARGIN, Bachelor of Science (Industrial Administration)  
 CHARLES HERMAN WARNER, Bachelor of Science (Agriculture)  
 RALPH BICKNELL WASHER, Bachelor of Science (Accountancy)<sup>1</sup>  
 JOHN WESLEY WATERFALL, Bachelor of Science (Industrial Administration)  
 WALLACE WATERFALL, Bachelor of Science (General Engineering Physics)<sup>1</sup>  
 GERALDINE JOY WATKINS, Bachelor of Science (Education)  
 CHARLES WATTLEWORTH, Bachelor of Science (Civil Engineering)<sup>1</sup>  
 GEORGE WILFRED WAUGH, Bachelor of Science (General Business)  
 HALDEMAN ADAIR WEBB, Bachelor of Science (General Business)  
 CLARENCE JACOB WEBER, Bachelor of Science (Chemistry)  
 ELIZABETH WEBER, Bachelor of Science (Liberal Arts)  
 ELMER WILLIAM WEBER, Bachelor of Science (Education)  
 RAYMOND JAMES WEBER, Bachelor of Science (General Business)  
 FLORENCE ADELIA WEBSTER, Bachelor of Arts (Liberal Arts)  
 NELLIE MAE WEETER, Bachelor of Arts (Home Economics)  
 SOPHIA WEINER, Bachelor of Science (Education)<sup>1</sup>  
 ESTHER WEIR, Bachelor of Science (Home Economics)  
 ALICE LUCILE WEIS, Bachelor of Arts (Liberal Arts)  
 GEORGE BATES WEISIGER, Bachelor of Science (Education)<sup>1</sup>  
 CHARLES WILLIAM WELCH, Bachelor of Science (Architectural Engineering)  
 JEAN LILLIAN WELCH, Bachelor of Science (Home Economics)  
 MARGARET WELDEN, Bachelor of Arts (Psychology)<sup>1</sup>  
 CLARENCE WILLIAM WELDON, Bachelor of Science (Agriculture)<sup>1</sup>  
 EDWIN SILA WELLS, JR., Bachelor of Science (Mechanical Engineering)  
 RALPH EUGENE WELTON, Bachelor of Science (Electrical Engineering)<sup>1</sup>  
 DOROTHY WENDELKEN, Bachelor of Science (Education)  
 FAY ELDORA RUMSEY WESTLUND, Bachelor of Arts (Liberal Arts)  
 RANDALL CHRISTOPHER WETZEL, Bachelor of Science (Banking)  
 CHARLES WASHINGTON WHEATLEY, Bachelor of Science (Chemical Engineering)  
 DOW ORLAND WHELAN, Bachelor of Science (Electrical Engineering)<sup>1</sup>  
 ALBERT BERTRAND WHITCOMBE, Bachelor of Science (General Business)  
 CATHERINE NELL WHITE, Bachelor of Arts (Liberal Arts)  
 JAMES HAULDEN WHITE, Bachelor of Science (Agriculture)  
 WALTER HOWARD WHITE, Bachelor of Science (Electrical Engineering)  
 CHARLES EDWARD WHITING, Bachelor of Science (Accountancy)  
 LOWELL ACTON WHITMAN, Bachelor of Science (Education)  
 LEROY WHITSITT, Bachelor of Science (Education)  
 HARRY WILLIAM WHITTENBERG, Bachelor of Science (Agriculture)  
 HEMAN JAMES WHITTIER, Bachelor of Science (General Business)  
 MADELAINE LLOYD WICKERSHAM, Bachelor of Science (Education)  
 WILLIAM BERNARD WIEMERS, Bachelor of Science (General Business)<sup>2</sup>  
 JOSEPH SIDNEY WIGHTMAN, Bachelor of Science (Accountancy)<sup>1</sup>  
 LUCILLE ELIZABETH WILCOX, Bachelor of Science (Education)  
 DOROTHY LINDLEY WILES, Bachelor of Arts (Liberal Arts)  
 FRANK CLARENCE WILEY, Bachelor of Science (General Business)<sup>1</sup>  
 HARRY HIRAM WILHELM, Bachelor of Science (Physical Education)  
 MARGARET ROSALIND WILKINS, Bachelor of Arts (Home Economics)  
 BERT KEITH WILKINSON, Bachelor of Science (Accountancy)<sup>1</sup>  
 ALIFF ZARA WILLARD, Bachelor of Arts (Liberal Arts)  
 PERRY HOMER WILLEY, Bachelor of Science (Agricultural Education)<sup>1</sup>  
 EMILY WILLIAMS, Bachelor of Science (Home Economics)  
 FLORENCE JANE WILLIAMS, Bachelor of Arts (French)<sup>1</sup>  
 HANNAH ESTHER WILLIAMS, Bachelor of Science (Education)  
 HELEN MARGUERITE WILLIAMS, Bachelor of Science (General Business)  
 LOIS ALBERTINE WILLIAMS, Bachelor of Science (Home Economics)  
 RUBY WILLIAMS, Bachelor of Science (General Business)  
 JOSEPH LINDLEY WILLIAMSON, Bachelor of Science (General Business)  
 GEORGIA CHARLENE WILLIS, Bachelor of Arts (Liberal Arts)

<sup>1</sup>With final honors.<sup>2</sup>Degree conferred February 13, 1923.<sup>3</sup>Degree conferred August 14, 1923.<sup>4</sup>Degree conferred October 27, 1923.<sup>5</sup>With honorable mention.

DAVID DILL WILSON, Bachelor of Science (Agriculture)  
 FRANCES DOUGLASS WILSON, Bachelor of Arts (Liberal Arts)  
 IMOGEN FILLMORE WILSON, Bachelor of Arts (Liberal Arts)  
 ONA VERN WILSON, Bachelor of Arts (Liberal Arts)  
 RAYMOND MILTON WILSON, Bachelor of Science (Electrical Engineering)  
 NATHANIEL EDWIN WINK, Bachelor of Science (Foreign Commerce)  
 DELLA ALMEDA WINTERS, Bachelor of Science (Education)  
 ROBERT WAYNE WINTERS, Bachelor of Science (Agriculture)  
 RALPH JACOB WIRTH, Bachelor of Science (Architectural Engineering)  
 SIDNEY RAYMOND WIRTH, Bachelor of Science (General Business)<sup>1</sup>  
 EVELYN WILHELMINA WISSMATH, Bachelor of Science (Home Economics)  
 ARTHUR CARL LUDWIG WITT, Bachelor of Science (General Business)<sup>1</sup>  
 PAUL FREDERICK WITTE, Bachelor of Science (Mechanical Engineering)  
 HAROLD GEORGE WOLFRAM, Bachelor of Science (Ceramic Engineering)  
 BERNICE SERENA WOLFF, Bachelor of Arts (Home Economics)  
 GRACE ELLEN WOOSLEY, Bachelor of Science (Education)<sup>2</sup>  
 LESLIE BERRY WORTHINGTON, Bachelor of Science (General Business)<sup>3</sup>  
 LAWRENCE NORTON WRISLEY, Bachelor of Science (General Business)  
 RAYMOND CLEMENS WULLIMAN, Bachelor of Arts (Liberal Arts)  
 HENRY EBERT WURST, Bachelor of Science (Accountancy)  
 CLARENCE LEON ALEXANDER WYND, Bachelor of Science (Chemical Engineering)  
 GEORGE FREDRIC YACKEY, Bachelor of Science (Mechanical Engineering)  
 HAROLD HILGARD YACKEY, Bachelor of Science (Mechanical Engineering)  
 EVERETT LEWIS YOUNG, Bachelor of Science (Agriculture)  
 EDWARD JOHN ZAHORIK, Bachelor of Science (Education)<sup>2</sup>  
 CHARLES KANTZ ZEILMAN, Bachelor of Science (Education)  
 MARGARETHA CAROLINE ZELTMANN, Bachelor of Science (Education)  
 FRANK CHARLES ZIMMERMAN, Bachelor of Science (Agricultural Education)  
 HAL HUMPHREY ZINK, Bachelor of Science (Electrical Engineering)<sup>3</sup>  
 LUCILLE MARIE ZORN, Bachelor of Arts (Liberal Arts)<sup>2</sup>

## THE COLLEGE OF LAW

### *The Degree of Bachelor of Science in Law*

FORREST BIRD GORE<sup>4</sup>  
 FAY WARREN JOHNSON<sup>2</sup>  
 DONALD FRAZIER LAFUZE

ROBERT BLUFORD VIOLETTE  
 JAMES LOWELL REED  
 CHARLES STANLEY SALZENSTERN<sup>1</sup>

### *The Degree of Bachelor of Laws*

HENRY WHEELER BRITTAIN  
 TILMAN BETHEL CANTRELL, A.B., *George Washington University*, 1921  
 FORREST MCCOOL CONDIT  
 MARSHALL HENRY EDWARDS  
 WILLIAM HENRY GILMORE  
 ROBERT HIRAM GILSON<sup>1</sup>  
 HAROLD HAYNES GRAHAM  
 ARTHUR GARFIELD HIGGS  
 ROY GEIBE HILL  
 CARUS STANLEY ICENOGLE

ARTHUR JOHN KINNANE  
 JEROME LLOYD LEMASTER  
 DEESTIN LEROY PASLEY  
 DON MCCLURE PEEBLES  
 CHRISTOPHER VICTOR ST. CARDOS<sup>4</sup>  
 CECIL RAY SMITH  
 JOHN ROWE SNIVELY, JR., A.B., 1921  
 WALTER JUDSON STEVENS<sup>4</sup>  
 CHALMER CLINE TAYLOR  
 NELSON JOHN ZIMMERMAN

### *The Degree of Doctor of Law*

IRA JAY COVEY, B.S., 1921  
 DONALD FRAZIER LAFUZE<sup>4</sup>

THOMAS HOLLAND MARSHALL, A.B., 1921

## LIBRARY SCHOOL

### *The Degree of Bachelor of Library Science*

SARAH ELIZABETH BLAIR, Ph.B., (*Shurtleff College*) 1892  
 LUELLA CORY, A.B., (*University of Kansas*) 1916  
 RUTH CORRINE MCCAUGHTRY, A.B., (*Drury College*) 1912<sup>2</sup>  
 ETHEL KEY MILLAR, A.B., (*Hendrix College*) 1917  
 JESSIE ADALINE REID, B.S., (*Rockford College*) 1914  
 GERTRUDE WULFEOETTER, A.B., (*University of Cincinnati*) 1917

## COLLEGE OF MEDICINE

### *The Degree of Bachelor of Science* (Conferred in Chicago)

RAY CONWAY ARMSTRONG  
 GRANT VAHAN ATHANAS  
 REUBEN BARD  
 HOWARD HARVEY BASS  
 JOHN BENJAMIN BATKO  
 BENGT NORMAN BENGSTON

CHARLES JOHN BESTA  
 WALTER PUTNAM BLOUNT, A.B.  
 LOUIS N BOELIO  
 JESSE LOUIS BOLLMAN<sup>3</sup>  
 ROBERT EMERSON BOND  
 KENNETH CHARLES BRANDENBERG

<sup>1</sup>Degree conferred October 27, 1923.

<sup>2</sup>Degree conferred February 13, 1923.

<sup>3</sup>With final honors.

<sup>4</sup>Degree conferred August 14, 1923.



LEWIS RAWLINGS BREWER  
 WALTER FREDERICK BRINEY  
 NORA FLORENCE BRODBOLL  
 STUART CAMERON  
 WILLIAM DATTON CARRELL  
 MARIE LOUISE CONNELLY, A.B.  
 CLAUDE LORRAINE DAVISON  
 MORRIS MICHEL DEITCHMAN  
 ROBERT JAMES DOUGLAS  
 ROBERT WILLIAM EDWARDS  
 WILLIAM GIBSON ELLIOTT  
 CARL JAMES EMMERLING  
 HERBERT HARTER ENGELHARD  
 CASPER MOREY EPSTEIN  
 FRED SNIDER ETHERTON  
 STANLEY CHARLES WILLIAM FAHLSTROM  
 JOHN EDWARD FAIRCHILD  
 ENID K FILLINGHAM, A.B.  
 CLARENCE ELBERT FLACK  
 CARL HERMANN GELLENTHIEN  
 LAFAYETTE ABBOTT HEDGES  
 LEWIS ROWLAND HILL, B.S., M.S.  
 HOMER WHEELER HUMISTON  
 RICHARD FRANK INMAN, JR.  
 REINHOLD ENOCH JOHNSON  
 EARNEST EUGENE JONES  
 HYMAN KAMINSKY  
 GEORGE MANUEL KATZMAN  
 DOUGLAS SHELTON KELLOGG  
 BERNARD SAMUEL KLEINMAN  
 WILLIAM LLOYD KENNY  
 SAMUEL KUNER  
 ROY MERL LEDFORD  
 BENJAMIN LEVY  
 LUTHER MOHLER LORANCE

HOWARD LARUE MARSH, M.S.  
 LEO MASLOW  
 RAYMOND JOHN MEYER  
 ALONZO MACEO MERCER  
 SOLOMON MEYERSON  
 CLAYTON O MILLER  
 HERMAN LOUIS MISHKIN  
 TRUMAN JACOB MOHR  
 APOLONIO FERMIN MONTEZON Y LABADA  
 GEORGE WILLIAM MOXON  
 DONALD MAXWELL MACCORNACK  
 JOHN CHARLES MCMILLAN, JR.  
 JULIUS B NOVAK  
 OTTO BOHUMIL PAVLIN  
 OTTO VICTOR PAWLISCH  
 OLIVER CONRAD PFEIFER  
 JOHN LEON PIECZYNSKI  
 OSCAR RICHTER  
 ARTHUR JOE RISSINGER  
 HAROLD ROSENBLUM  
 LAWRENCE DONAT RYAN  
 JUAN CUYUGAN SANTOS, B.S.  
 LOUIS WILLIAM SCHULTZ  
 JESSE CASSTEYNS SCUTLEY  
 LEON STANLEY SHALLA  
 MAX SHIFRIN  
 WILLIAM GOODING SHURTZ  
 ALLAN ERWIN STAMLER  
 CLIFFORD EARLE STECKBAUER  
 LARS ERIC THEODORE STEINERT  
 FLOYD HOUGH STEINMAN  
 HARRY HART STEPHENS  
 SOL ASCHER SUGAR  
 ROY THOMAS SUGARS  
 DAVID MARINDEL WONG

### *The Certificate in Medicine*

(Conferred in Chicago)

JULIUS ADLER, B.S.  
 MAURICE ALBACH, B.S.  
 PAUL GERHARD ALBRECHT, B.S., Ph.D.  
 ERNEST ALCIVAR, B.S.  
 HENRY REX AMBERSON, A.B.  
 CARL APPLE, B.S.  
 EUGENE LESTER BAKER, B.S.  
 GEORGE JOHN BAUMGARTNER, B.S.  
 HYRUM EARL BELNAP, B.S.  
 JESSE LOUIS BOLLMAN, A.B., B.S., M.S.  
 AMOS PRESLEY BRATRUD, B.S.  
 WILLIAM MITCHELL BYERS, B.S.  
 ROBERT PAUL CARON, B.S.  
 CLAUDE MALCOLM COCHRAN, A.B., B.S.  
 WILLIAM CURTIS  
 ROBERT DESSENT, B.S.  
 HOWARD MILTON EDWARDS, B.S.  
 DAVID EPSTEIN, B.S.  
 LOUIS FELDMAN, B.S.  
 LIBORIO FIGUEROA, B.S.  
 CLEMENT DE FREITAS, B.S.  
 WALTER CHARLES FRENZEL, B.S.  
 CHARLES WEER GOFF, B.S.  
 MARCUS GOODWIN, B.S.  
 JOSEPH GREENOARD, B.S.  
 JAMES TOBIAS GROOT, S.B., B.S.  
 SHIRLEY LOUIS HADDEN, B.S.  
 JAMES PENDLETON HAHN, B.S.  
 EARLE HOPKINS HALL, B.S.  
 RICHARD AUGUST HARRIS, B.S.  
 JAMES HOWARD HOSKINS, B.S.  
 STANLEY JOHN IMBORSKI, B.S.  
 STANLEY FLORIN JANICKI, B.S.  
 HARVEY CHESTER JOHNSON, B.S.  
 JEANETTE JONGEWAARD  
 MORRIS LEWIS KARBELNIG, B.S.  
 ISAAC KABLIN, B.S.  
 EDWARD JOSEPH KELLY  
 JACOB ELIAS KLEIN, B.S.  
 ALFRED KOBAK, B.S.

FERDINAND RICHARD KREMBES, B.S.  
 NATHANIEL BENJAMIN LANS, B.S.  
 ELMER ARNOLD LANSCH, B.S.  
 HAROLD WALTER LENIT  
 BENJAMIN MORDECAI LEVIN, B.S.  
 LOUIS LITTON, B.S.  
 GERHARD WILLIAM LORFELD, B.S.  
 JOHN WILLIAM LOWE, B.S.  
 FRANK BLACKBURN LUCAS, B.S.  
 CLARK RUSSELL WILLIAM MAGILL, B.S.  
 CHAUNCEY CARTER MAHER, B.S.  
 BEN JACK MALNEKOFF  
 WILLIAM ALFRED MANN, JR., B.S.  
 MORTON JOSEPH MILLS, B.S.  
 CORNETTA GROTHAUS MOEN  
 APOLONIO FERMIN MONTEZON Y LABADA  
 FLOYD LAWRENCE MCGRATH  
 AZOR VICTOR NASATIR, B.S.  
 MELVIN MAX NEWMAN, B.S.  
 EVELYN OWENS NIELSEN, B.S.  
 JOHANNES M NIELSEN, B.S.  
 HARRISON MORTON PIERCE, B.S.  
 GAUDENCIO EULALIO PI-IT, B.S.  
 DWIGHT COLEMAN REEVES, B.S.  
 THEODORE FERDINAND REUTHER, B.S.  
 ARTHUR JOE RISSINGER  
 THOMAS PAINE SALTIEL, B.S.  
 BERNARD SAYRE  
 WILLIAM SCHECTER, B.S.  
 ARTHUR M SKARPERUD, B.S.  
 JOSEPH CLARENCE SODARO, B.S.  
 RICHARD BOOTHBY STOOPS, B.S., A.B.  
 PAUL WEBSTER TRANTER  
 GLENN JOSEPH TYGETT, B.S.  
 SAMUEL ALEXANDER VOGEL, B.S.  
 JOHN TRIMMER WEAD, B.S.  
 HENRY GEORGE WEHRINGER, B.S.  
 MARIE WESSELS, A.B., B.S.  
 CORDELLE ATHERTON WOOD, B.S.  
 MOHAMMED ABBASS YAHYA, B.S.

<sup>1</sup>Degree conferred October 27, 1923.

*The Degree of Doctor of Medicine*

(Conferred in Chicago)

SAM ABRAHAMS, B.S.  
 BERTHA MARIE G ANDERSON, B.S.  
 BAYARD MELVIN BAILEY, B.S.  
 SIMEON LEO BERMAN, B.S.  
 COLEMAN A BLOCK, B.S.  
 ARTHUR REUBEN BLOOM, B.S.  
 ALBERT JAY BOKER, B.S.  
 WILLIAM LANE BUHRMAN, B.S.  
 WILLIAM BURST, B.S.  
 MARCUS BERNARR CIRLIN  
 JAY REED DEWEY, B.S.  
 GLEN WESLEY DOOLEN, B.S.  
 ISADORE ABRAHAM DRUES, B.S.  
 LOUIS EDDIN, B.S.  
 PERSIS ELFELD  
 DONALD EUGENE FAXON, B.S.  
 RUBY MARIE DONALY FAXON  
 JULIUS ERNEST FLEISCHNER, B.S.  
 JOSEPH GOLDBERG, B.S.  
 MILTON BOICE HERBEISEN<sup>1</sup>  
 CLARENCE ORVILLE HUGHES, B.S.  
 RAYMOND JULIAN JOSEWSKI  
 GEORGE SHAYNIN LIVINGSTON, M.S.  
 SAUL HYMAN MAIZUS, B.S.  
 ROBERT MEYER MANDEL, B.S.

HARRY OLIVER MARYAN, B.S.  
 EDWARD LINCOLN MASTERTON, B.S.  
 PAUL BURNS MONROE, B.S.  
 CARL LEONARD MUFFINGER, A.B., B.S.  
 WILLIAM HENRY MYERS, B.S.  
 LILLIAN BENDEKE PARSON  
 HERMAN J PILKA, B.S.  
 MANNIE ARNOLD POLK, B.S.  
 GUY VICTOR PONTIUS, B.S.  
 ALBERT LEROY POTTS, B.S.  
 EVSAY PRILLA, B.S.  
 MANFRED U PRESCOTT, B.S.  
 BEN ZION RAPPAPORT  
 OTTO ANDREW G REINHARD, B.S.  
 TOBIAS RESNIK, B.S.  
 HENRY HARRY RUBIN, B.S.  
 JAMES HIRST RUTLEDGE, B.S.  
 GEORGE CLEVELAND SHELTON, B.S.  
 LEAH SINAI, B.S.  
 ANNIE THOMPSON SMITH, A.M.  
 SAMUEL TOLPIN, B.S.  
 WARD HUSTON VENTRESS, B.S.  
 DAVID ARTHUR WELENSKY, B.S.  
 NATHAN S ZETTLIN

COLLEGE OF DENTISTRY

*The Degree of Bachelor of Science*

(Conferred in Chicago)

GEORGE FRANKLIN KOLAR

*The Degree of Doctor of Dental Surgery*

MELVIN EDWARD F ANDERSON  
 WILLIAM HENRY BARTON  
 MORRIS BAEWSKY  
 PARK BOYDEN BIRD  
 GEORGE DEWEY BONE  
 RUSSELL FORREST BLACK<sup>2</sup>  
 JAMES ARTHUR BUTLER<sup>2</sup>  
 LE ROY JOHN BUCHMILLER  
 CHARLES CLARENCE CALL  
 SERASTIAN CAPINEGRO  
 HAROLD ELLIS CLINITE  
 PHILIP DROHER  
 GEORGE FREDERICK EISENBRAND  
 FRANKLIN ROY FRAMPTON  
 ABE ELMER GOLD  
 BERNHARD GOLDMAN  
 MAX GOLDMAN  
 SEYMOUR NOAH GOULD  
 MICHAEL NATHAN HARRIS  
 JOSEPH HEVISH<sup>2</sup>  
 LEONARD CLARENCE HOLT  
 LLOYD DELLAS HOYT<sup>2</sup>  
 JACOB IGLOWITZ  
 ELIZABETH JAGER

NEIL ANTHONY KINGSTON  
 PHIL HERMAN LANGENBAHN  
 JASON LESLIE LISCOM  
 NORMAN HENRY LYNN<sup>2</sup>  
 JEREMIAS MAKI  
 BENJAMIN MARSHALL  
 BRUCE CRITTENTON MARTIN  
 LEONARD LAWRENCE METCALF  
 CHARLES ARTHUR MUNNS  
 LORRIN RUSSELL NEILSON  
 ELI OLECH  
 RAYMOND WILLIAM POST  
 WILLIAM EDWARD RAAB  
 HENRY REHM  
 JACOB ABRAHAM SAFFIR  
 RAYMOND CHARLES SCHULER  
 FRANK EARL SCOTT  
 GINDA SHORE, D.D.S.  
 ROMAN THADDEUS SKUDNIO  
 JOHN JULIUS SROKA  
 PAUL SWEDBERG  
 EUGENE WALTER SZWAJKART  
 EDWARD CHARLES WACH  
 JOSEPH BRONISLOW ZIELINSKI

SCHOOL OF PHARMACY

*The Degree of Graduate in Pharmacy*

(Conferred in Chicago)

ABRAHAM MAIR AFRICK  
 WILLIAM WAYLAND ALEXANDER  
 WILLIAM HYMAN ALPERN  
 RICHARD BURT ALPHRAN  
 CARL ELI ANDERSON  
 JOHN JACOB BAMBERG  
 HENRY NIELSEN BEXFIELD  
 WILLIAM CULLEN BRYANT  
 LESLIE CLARE BYERS  
 DAVID WALTER CREMERIUS  
 DAVID DALSEY  
 SIDNEY DALSEY  
 JACKSON CALHOUN DAVIS  
 PAUL DEWASME  
 FORREST DILLOW  
 HARRY EDWARD DOMBROWSKI

PAUL B EDELSTEIN  
 RALPH LAWTON FEAGLER  
 REX FLEMING  
 JACOB ISRAEL FRIEDMAN  
 JULIA ADELHEIT GAENSSLEN  
 SAMUEL GASSEL  
 STANISLAUS JOHN GORSKI  
 ROBERT HALE GRAHAM  
 CHARLES DAVID GRANDISON  
 DAVID PERCY GROSSMAN  
 JOHN HENRY HAFFNER  
 WILBUR GEORGE HAHN  
 BERNARD FRANKLIN HARRIS  
 DONALD MILLER HILL  
 NEIL NORTON HILTON  
 OSCAR CARL HODEL

<sup>1</sup>Conferred February 13, 1923.

<sup>2</sup>Degree conferred October 27, 1923.

JOHN ANTHONY JACHINO  
LORENZO BEVANS JOBUSCH  
WILLIAM GREER JOHNSTON  
ROLLINS EDGER JUHNKE  
MEYER J KEREN  
WILLIAM CLIFFORD KING  
PAUL HAROLD KLAUANS  
CARL WARNER KNOTSON  
ISHAM LAWRENCE LACY  
CHARLES GUSTAVE LENZ  
HARRY ENOCH LEVIN  
LEO DAVID LEVINSON  
FRED WASHINGTON LINDAHL  
VERNON THOMAS MCMAHON  
BENJAMIN MALLER  
RAYMOND PAUL MARKEL  
JOHN HOBERT MARTIN  
ROBERT CLARENCE MEADOWS  
MAX M MENAKER  
GEORGE CAMPBELL MILLER  
LESLIE ROBERT MILLER  
GEORGE MILLES  
CHARLES FERDINAND MRAZ  
DONALD W NELSON

CHARLES KENNETH NOBLE  
GLENN ALFRED OFFFELT  
MAURICE A POLIKOFF  
MAURICE RADNER  
HOWARD BARTHELL REINHART  
RALPH CONELLY RETTKE  
HARRY HERMAN RIBACK  
JOHN GILMAN RITTER  
LEO ALBERT ROBERTS  
CHARLES J ROSENBERG  
JAMES FRED ROWLAND  
THOMAS LESTER SARASIN  
IRVING HARRISON SCHEEF  
PETER ALBERT SCHROEDER  
SAUL BLAIR SCHWARTZ  
LADDIE FRANK SKALA  
SAMUEL MORRIS SMITH  
LESTER MERWIN SMITH  
FRANCES B STOGIS  
JO SPILLER STOTLAR  
HAROLD STANIS STRIEGEL  
PERLE FERDINAND SWANSON  
GUY CLIFTON TAYLOR  
JULIUS MAX TIKOTZKY

## THE GRADUATE SCHOOL

### *The Degree of Master of Arts*

#### *In Accountancy*

CHESTER RAYMOND HAM, A.B. (*University of Michigan*) 1917<sup>1</sup>

#### *In Bacteriology*

LUTHER SOLON THOMPSON, A.B. (*Clark College*) 1916

#### *In Botany*

LEATHA DEAN BUNTING, A.B. (*Illinois Woman's College*) 1920

RUTH ISABEL DOWELL, A.B. (*Smith College*) 1920<sup>1</sup>

PEARL FORREST GROVE, A.B., 1913<sup>2</sup>

ANNIE LEWIS PLEASANTS, A.B. (*Maryville College*) 1917

RUTH WINIFRED RYAN, A.B. (*Saint Clara College*) 1921

PAUL ALLEN YOUNG, A.B. (*Wabash College*) 1921

#### *In Chemistry*

HELEN MARIE BULL, A.B. (*Goucher College*) 1920<sup>2</sup>

ANNE WALLIS DAVIS, A.B. (*Bryn Mawr College*) 1917<sup>1</sup>

#### *In Classics*

HELEN LOUISE JONES, A.B. (*Illinois College*) 1922

ERVA MARIE MOODY, A.B. (*Carthage College*) 1920

LILA STEVENSON RILEY, A.B. (*Cornell University*) 1916

#### *In Economics*

HERBERT ROLAND MUNDHENKE, A.B. (*Lawrence College*) 1922<sup>1</sup>

LEONARD TRUMAN NORDLIE, A.B. (*Concordia College*) 1917<sup>1</sup>

CHARLES LEE PRATHER, B.E. (*Eastern Illinois State Teachers' College*) 1922<sup>1</sup>

CHARLES WOODY THOMPSON, A.B., 1922

#### *In Education*

METTA JACOBS ARCHER, A.B. (*Western College for Women*) 1912

JEWELL ALLEN BRENT, A.B. (*McKendree College*) 1918<sup>2</sup>

WILLIAM HARRIS, A.B., 1914

LOYD BONHAM SOUDERS, B.S. (*Kansas State Agricultural College*) 1919<sup>2</sup>

#### *In English*

ALICE LOUISE BARNDT, A.B. (*Knox College*) 1922

HAZEL ANNA DELL, A.B. (*Illinois Woman's College*) 1922

FRITIOF MELVIN FRYXELL, A.B. (*Augustana College*) 1922

SIDNEY ERWIN GLENN, A.B., 1922

ROSE MARIE GRADY, A.B. (*Catholic University of America*) 1920

MARY GENEVA GREGORY, A.B. (*James Millikin University*) 1920

SEVERINA ELAINE NELSON, A.B., 1918

GEORGE HARRISON ORIAN, A.B. (*North-Western College*) 1922

AMY GERTRUDE SERGEANT, A.B. (*University of Michigan*) 1918

JUDITH KATRINA SOLLENBERGER, A.B. (*DePauw University*) 1922

AGNES WICKFIELD VROOMAN, A.B., 1922

FLORENCE GERTRUDE WEAVER, A.B. (*Iowa Wesleyan College*) 1919

#### *In Geology*

GEORGE ELBERT EKBLAW, A.B., 1922

ALFRED HERMAN LUDWIG MEYER, A.B., 1921<sup>3</sup>

<sup>1</sup>Degree conferred August 14, 1923.

<sup>2</sup>Degree conferred October 27, 1923.

<sup>3</sup>Degree conferred February 13, 1923.

*In German*

BERTHA MARIE DORULLIS, A.B., 1920

*In History*

MARGARET ELIZABETH RIPETAUX BEST, A.B. (*DePauw University*) 1922  
 CHARLES WRIGHT FORNOFF, A.B., 1922<sup>1</sup>  
 ROBERT CARY HAYES, A.B., 1922  
 MARY KATHARINE SAFFORD, A.B., 1922  
 ONNO VERNON WALTERS, B.S., 1922<sup>1</sup>

*In Mathematics*

JOHN WILLIAM ARNOLD, A.B., 1921  
 THEODORE LAKE BENNETT, A.B. (*Cornell University*) 1921  
 DOROTHY FRANCES BRIGGS, A.B., 1921  
 MAX GRIFFIN CARMAN, A.B., 1922  
 HEMPHILL HOSFORD, A.B. (*Southern Methodist University*) 1919<sup>2</sup>  
 FRANCIS EDGAR JOHNSTON, A.B. (*George Washington University*) 1921  
 IDA LANE SETTLE, A.B. (*Monmouth College*) 1922  
 GUY STEVENSON, A.B. (*Georgetown College*) 1921  
 FRANCIS EMMETT TAYLOR, B.S. (*Illinois College*) 1919<sup>1</sup>

*In Physics*

EDWIN ROBERT CLARK, A.B. (*Clark University*) 1921  
 KENNETH ORVILLE SMITH, A.B. (*Cornell College*) 1921  
 OTIS BIGELOW YOUNG, A.B. (*Wabash College*) 1921  
 JOE B WONSETLER, A.B. (*Miami University*) 1916<sup>3</sup>

*In Political Science*

HSIO YU CHENG, A.B., 1922  
 ELVA ALLEN HELMS, A.B., 1922

*In Romance Languages*

GAETANO RUDOLPH AIELLO, A.B. (*Amherst College*) 1919  
 JULIUS BERZUNZA, A.B. (*University of Oklahoma*) 1921  
 JEANNE RIOU BUTLER, A.B. (*Pennsylvania State College*) 1920  
 GUY MORTIMER KNOX, A.B. (*Syracuse University*) 1907<sup>1</sup>  
 AMELIA KREIG, A.B. (*Lewis Institute*) 1915, A.B., 1917  
 RUTH SHIRLEY, A.B., 1922

*In Sociology*

JENNIS EULALIA BARRY, A.B., 1918  
 JAMES CLAY DOLLEY, JR., A.B. (*McKendree College*) 1919  
 PEN WEN BALDWIN SUN, A.B. (*University of Peking*) 1918<sup>1</sup>

*In Zoology*

FANNIE ROSA HARMON, A.B., 1922<sup>3</sup>  
 CLYRENE HARRISON, A.B. (*University of Arkansas*) 1920  
 MAYNARD STICKNEY JOHNSON, A.B. (*Bates College*) 1921  
 HAROLD WINFRED MANTER, A.B. (*Bates College*) 1922  
 EMMA RICE PROUT, A.B. (*Wells College*) 1920  
 MORRIS STEGGERDA, A.B. (*Hope College*) 1922<sup>2</sup>

*The Degree of Master of Science**In Accountancy*

LESLIE JAMES BUCHAN, B.S., 1922<sup>1</sup>  
 DAVID WENDELL CRABB, A.B. (*Colorado College*) 1920  
 FRANK FELIX FILUT, B.S., 1922<sup>1</sup>  
 HOWARD WILLIAM GRAY, B.S., 1922  
 WELDON POWELL, B.S., 1922  
 CHARLES F SCHLATTER, B.S. (*South Dakota State College*) 1916  
 PAUL CANADAY TAYLOR, B.S., 1920<sup>1</sup>  
 EDWARD MICHAEL WAGNER, B.S., 1922  
 SIDNEY GRAHAM WINTER, A.B. (*Colorado College*) 1921<sup>2</sup>

*In Agronomy*

DAVID GRAAFF HAYLETT, B.S., 1922  
 GUY HOBGOOD, B.S. (*Oregon Agricultural College*) 1915  
 CARL DELMAR JONES, B.S., 1922  
 WAYNE EVERETT LEER, B.S. (*Purdue University*) 1919  
 ROBERT ASHMORE SCOTT, B.S., 1922  
 RUSSELL SCOTT STAUFFER, B.S. (*Pennsylvania State College*) 1917

*In Animal Husbandry*

ARTHUR KAPP MACKAY, B.S. (*Purdue University*) 1921  
 CARL A SCHOLL, B.S.A. (*University of Alberta*) 1918

*In Bacteriology*

FORREST DRAPER MCCREA, B.S. (*Purdue University*) 1918

*In Botany*

HARRIETTE FREEMAN, B.S. (*Fargo College*) 1917  
 CLARA FUHR, B.S., 1921  
 JOSE MIGUEL MENDOZA, B.S. (*Oregon Agricultural College*) 1921

<sup>1</sup>Degree conferred August 14, 1923.

<sup>2</sup>Degree conferred October 27, 1923.

<sup>3</sup>Degree conferred February 13, 1923.

*In Business Organization and Operation*

- ARTHUR G ANDERSON, B.S. (*Iowa State College*) 1912<sup>1</sup>  
 HOWARD WILBERT ANDREWS, B.S., 1922  
 CLARENCE MARTIN KRETCHMER, B.S., 1922  
 HELEN ADELAIDE LAWRENCE  
 ROBSON DUNCAN MCINTYRE, B.S., 1921<sup>2</sup>  
 ROBERT GARDNER TOLMAN, B.S., 1921

*In Ceramics*

- CHARLES IMSE ROSE, B.S., 1922

*In Ceramic Engineering*

- PIERCE WADDELL KETCHUM, B.S. (*University of Utah*) 1922<sup>1</sup>

*In Chemistry*

- ARNOLD ORVILLE BECKMAN, B.S., 1922<sup>1</sup>  
 WARREN COBINE BRUCE, B.S., 1922  
 COURTLAND LIVINGSTON BUTLER, B.S. (*Pennsylvania State College*) 1920<sup>1</sup>  
 CLYDE TRAIN CALDWELL, B.S. (*Earlham College*) 1922<sup>1</sup>  
 HERBERT ORION CALVERY, A.B., 1921<sup>3</sup>  
 EARL CECIL CAUDLE, B.S. (*Oregon State Agricultural College*) 1921<sup>3</sup>  
 ALDEN WILLIAMS COFFMAN, B.S., 1922<sup>2</sup>  
 GERALD JUDY COX, B.S., 1919<sup>1</sup>  
 RICHARD STONER FISHER, B.S., 1922  
 ARTHUR LAWRENCE FOX  
 IVAN ALAN FRANE, B.S. (*Eureka College*) 1922<sup>1</sup>  
 ARCHIBALD EDMUND GRAY, B.S. (*Eureka College*) 1922<sup>1</sup>  
 ROSE MARY GREEN, A.B. (*Rockford College*) 1921  
 WILLIAM BULTMAN HOLTON, B.S., 1921<sup>3</sup>  
 FRANK HOVORKA, A.B. (*Iowa State Teachers' College*) 1922<sup>1</sup>  
 RICHARD WILLET JACKSON, B.S. (*Eureka College*) 1922  
 GLENN HOWE JOSEPH, B.S., 1922<sup>1</sup>  
 ISRAEL MORRIS LEVINE, B.S. (*University of Chicago*) 1922  
 SHEO-HEN LI, B.S., 1922  
 EDWIN ROBERT LITTMANN, B.S., 1922<sup>1</sup>  
 EUGENE MILLER MCCOLM, B.S., 1922  
 JAMES EDWIN MCCONKIE, B.S. (*Illinois Wesleyan University*) 1922  
 EARL ERWIN PARES, A.B. (*Oberlin College*) 1918  
 ELMER OTTO SELLERS, B.S. (*Illinois College*) 1922  
 RALPH LLOYD SHRINER, B.S. (*Washington University*) 1921  
 SHERMAN ISRAEL STRICKHOUSER, B.S. (*Pennsylvania State College*) 1922  
 JESSE IRWIN SMITH, A.B. (*James Millikin University*) 1921<sup>3</sup>  
 HILDUR EDITH STEINERT, A.B., 1921<sup>1</sup>  
 JOHN BRADSHAW TAYLOR, B.S., 1922  
 ALFRED PAUL THOMPSON, B.S. (*Montana State College*) 1915<sup>2</sup>  
 FREDERICK EWART VANDAVEER, B.S., 1922  
 GEORGE VANDER VEEN, B.S. (*University of Chicago*) 1917<sup>3</sup>  
 JOHN PALMER WALSTED, B.S. (*Oregon State Agricultural College*) 1921<sup>3</sup>  
 GEORGE ALFRED WEINHOLD, B.S. (*Union College*) 1920<sup>3</sup>

*In Civil Engineering*

- KOPPEL SCHAPIRO, B.S. (*University of Texas*) 1921

*In Dairy Husbandry*

- RICHARD CHARLES MUNKWITZ, B.S. (*University of Wisconsin*) 1922<sup>1</sup>  
 FRANK PAUL SANMANN, B.S., 1921

*In Economics*

- FRIEDA BAIRD, B.S., 1922  
 RALPH STANLEY DOWELL, B.S., 1922  
 HORACE MONTGOMERY GRAY, B.S., 1922  
 ANDRUS OLIVER GRIFFITH, B.S., 1921  
 JAMES HOLLADAY, B.S. (*Georgetown College*) 1915  
 RALPH COUGHENOUR JONES, B.S., 1922  
 SHU-MONG LING, B.S., 1922<sup>2</sup>  
 EMIL RAUCHENSTEIN, B.S. (*University of Wisconsin*) 1911<sup>3</sup>

*In Education*

- THOMAS OLEN BURGESS, A.B. (*Wheaton College*) 1918, A.B. (*St. Olaf College*) 1922  
 WALTER CLYDE CROXTON, B.S., 1921<sup>3</sup>  
 CHARLES ATHIEL HARPER, B.S., 1922<sup>2</sup>  
 CHARLES WILLIAM KNUDSEN, B.S., 1913  
 PETRONILLA GERTRUDE STOEVENER, B.S., 1921  
 GUY HOLSINGER THOMPSON, B.S., 1922  
 OSCAR FRIEDOLIN WEBER, B.S., 1922  
 MAUD WEBSTER, B.S. (*Ohio Wesleyan University*) 1905<sup>1</sup>

*In Electrical Engineering*

- LEONARD GLADSTONE ABRAHAM, B.S., 1922  
 EDWARD PUGH PRICE, B.S. (*University of Texas*) 1921<sup>1</sup>  
 HAROLD IRWIN TARPLEY, B.S. (*Kansas State Agricultural College*) 1922

*In Geology*

- WILLIAM FERDINAND NETZEBAND, B.S. (*Missouri School of Mines and Metallurgy*) 1921

<sup>1</sup>Degree conferred August 14, 1923.

<sup>2</sup>Degree conferred October 27, 1923.

<sup>3</sup>Degree conferred February 14, 1923.

*In Home Economics*IRENE TEAGARDEN, B.S. (*University of Montana*) 1915<sup>1</sup>*In Horticulture*VICTOR WENDELL KELLEY, B.S., 1921<sup>2</sup>JOSEPH BIDWELL OYLER, B.S. (*Purdue University*) 1920*In Mathematics*GERALD EVERETT MOORE, B.S. (*Hedding College*) 1922<sup>3</sup>THERESA MARIE RENNER, B.S. (*Blackburn College*) 1915<sup>2</sup>*In Mechanical Engineering*HUBER OGILVIE CROFT, B.S. (*University of Colorado*) 1918<sup>3</sup>HARRY WALTER DIETERT, B.S. (*Iowa State College*) 1920*In Mining Engineering*OTIS GRANT STEWART, B.S. (*West Virginia University*) 1921*In Municipal and Sanitary Engineering*HENRY ROYAL KING, B.S. (*University of Idaho*) 1920*In Pharmacology*HAROLD NORRIS ETS, B.S. (*University of Rochester*) 1920*In Physics*GEORGE TOEL LORANCE, B.S. (*Drake University*) 1921WILLIAM MU YAO LEIGH, B.S. (*Pei Yang University*) 1919CLIFFORD NATHAN WALL, A.B., 1922<sup>3</sup>*In Psychology*

GLENN DEVERE HIGGINSON, B.S., 1921

*In Railway Mechanical Engineering*CHING PONG PEI, B.S. (*Tangshan Engineering College*) 1921*In Theoretical and Applied Mechanics*THORBJORN GERMUNDSSON, B.S. (*Royal Technical College of Copenhagen*) 1920HERBERT JAMES GILKEY, B.S. (*Harvard University*) 1916<sup>3</sup>NORMAN BOYNTON GREEN, A.B. (*Leland Stanford University*) 1921*In Zoology*JOSEPH LEWIS HYATT, B.Ed. (*Illinois State Normal University*) 1921*Professional Degrees in Engineering**Civil Engineer*

CHARLES HELVETIUS MOTTIER, B.S., 1910

*Electrical Engineer*JOHN KNOX MCNEELY, B.S. (*University of California*) 1908; A.M. (*University of Southern California*) 1917*Mechanical Engineer*

LINCOLN BALES BREEDLOVE, B.S., M.S., 1914, 1922

FREDERICK GUNARD LUNDGREN, B.S., 1915

EVERETT GILLHAM YOUNG, B.S., M.S., 1913, 1916

*The Degree of Doctor of Philosophy**In Agronomy*MARCOS MONDEJAR ALICANTE, B.S. (*Oregon State Agricultural College*) 1920, M.S., 1921TORIBIO VIBAR, B.Agr., B.S.A. (*College of Agriculture, Philippines*) 1912, 1920, M.S.A. (*University of the Philippines*) 1921*In Botany*EMIL FREDERICK GUBA, B.S. (*Massachusetts Agricultural College*) 1919CHARLEY LYMAN PORTER, B.S. (*Illinois Wesleyan University*) 1911; A.B., A.M., 1913, 1921.*In Chemistry*VIRGINIA BARTOW, A.B. (*Vassar College*) 1918, A.M., 1921WILLIAM WERT BAUER, A.B., M.S. (*Ohio State University*) 1917, 1918WALDO BRIGGS BURNETT, A.B. (*Southern Methodist University*) 1919, M.S., 1921GAIL PHILLIPS EDWARDS, B.S., M.S., 1918, 1921<sup>2</sup>

MAYOR FARTHING FOGLER, B.S., M.S., 1920, 1921

JOHN HALL GARDNER, B.S. (*Case School of Applied Science*) 1919; M.S. (*University of Michigan*) 1921

WALTHER FREDRICK GOEBEL, A.B., A.M., 1920, 1921

GEORGE DE WITT GRAVES, B.S., M.S. (*Washington University*) 1920, 1921WENDELL HORACE GRIFFITH, B.S. (*Greenville College*) 1917, M.S., 1919RUSSELL LEWIS JENKINS, B.Chem. (*University of Pittsburgh*) 1920, M.S., 1921

RALPH JENNINGS KAUFMANN, A.B., A.M., 1918

WILFORD EDWARD KAUFMANN, A.B., A.M. (*Oberlin College*) 1918, 1919<sup>3</sup><sup>1</sup>Degree conferred February 13, 1923.<sup>2</sup>Degree conferred October 27, 1923.<sup>3</sup>Degree conferred August 14, 1923.

SAMUEL MARION McELVAIN, B.S. (*Washington University*) 1920, M.S., 1921  
 LOUIS NAVIAS, B.S. (*College of the City of New York*) 1918, M.S., 1921<sup>1</sup>  
 KATHARINE OGDEN, A.B. (*Vassar College*) 1918  
 CHARLES HEMAN PEET, A.B. (*Hope College*) 1914, M.S., 1921  
 PHILIP KELSEY PORTER, A.B. (*Grinnell College*) 1918, M.S., 1921  
 THOMAS ADAM WILSON, A.B. (*Syracuse University*) 1919, M.S., 1921  
 HARRY FAGAN YANCEY, A.B., A.M. (*University of Missouri*) 1913, 1915<sup>2</sup>

*In Classics*

DORA AILEEN LOUGEE, A.B. (*Bates College*) 1917, A.M., 1921  
 RACHEL LOUISA SARGENT, A.B. (*Bates College*) 1914, A.M., 1917  
 JOHN BRADFORD TITCHENER, A.B. (*Clark College*) 1917, A.M., 1921

*In Economics*

PEMBROKE HOLCOMB BROWN, A.B., A.M., 1915, 1917<sup>3</sup>  
 SEVER KLARAGARD, A.B. (*St. Olaf College*) 1917<sup>3</sup>

*In English*

GEORGE KEYPORTS BRADY, A.B., 1916  
 RUTH KELSO, A.B., A.M., 1908, 1909  
 PAUL NISSLEY LANDIS, A.B., A.M. (*Franklin and Marshall College*) 1913, 1915  
 ERNEST ERWIN LEISY, A.B. (*University of Kansas*) 1913; A.M. (*University of Chicago*) 1919  
 ARTHUR WELLESLEY SECORD, A.B. (*Greenville College*) 1916, A.M., 1920

*In Entomology*

THEODORE HENRY FRISON, A.B., A.M., 1918, 1920

*In Genetics*

LEOPOLDO SUDANO CLEMENTE Y DE LA ROSA, B.Agr. (*University of the Philippines*) 1917; B.S., M.S., 1920, 1921

*In Mathematics*

HARRY ALBERT BENDER, A.B. (*Ohio University*) 1918, A.M., 1921

*In Philosophy*

AXEL BRETT, A.B. (*Gustavus Adolphus College*) 1912; A.M. (*University of Minnesota*) 1913

*In Physics*

EDWIN COULTHARD FRITTS, B.S. (*Georgetown College*) 1917, M.S., 1920  
 ROY ANDREW NELSON, B.S. (*Knox College*) 1916, M.S., 1920<sup>4</sup>

*In Zoology*

HELMER PARELI VON WOLD KJERSCHOW AGERSBORG, B.S., M.S. (*University of Washington*) 1916; A.M. (*Columbia University*) 1920<sup>2</sup>  
 HARRY MILTON MILLER, JR., B.S. (*Ohio Wesleyan University*) 1917  
 LYLE JAY THOMAS, B.S. (*Fargo College*) 1917, M.S., 1921  
 ARTHUR CALVIN WALTON, A.B., A.M. (*Northwestern University*) 1913, 1915

CANDIDATE AS OF EARLIER CLASS

*The Degree of Bachelor of Science*

CHESTER D BROWNELL, as of the class of 1893

<sup>1</sup>Degree conferred August 14, 1923.

<sup>2</sup>Degree conferred February 13, 1923.

<sup>3</sup>Degree conferred October 27, 1923.

## SCHOLARS AND FELLOWS, 1923-1924

---

BEN FINLEY ALVORD, Scholar in Animal Husbandry (*Nominee College of Agriculture*)  
 JOHN WENDELL ANDREWS, DuPont Fellow in Chemistry  
 PAUL MCCLELLAND ANGLE, Scholar in History  
 ANDREW BARR, JR., Scholar in Accountancy (*Nominee College of Commerce*)  
 WILLIAM THOMAS BEADLES, JR., Scholar in Economics (*Nominee Illinois Wesleyan University*)  
 CURTIS BENTON, Scholar in Entomology  
 HAROLD LISLE BLACK, Scholar in Mathematics  
 HELEN EVELYN BREHM, Scholar in English  
 MARY BIGELOW BROWNELL, Scholar in Romance Languages  
 FRANK GEORGE BRUECKMANN, Scholar in Civil Engineering  
 EDWIN BERRY BURGUM, Fellow in English  
 COURTLAND LIVINGSTON BUTLER, Fellow in Chemistry  
 ELOISE PAMELIA CALHOUN, Scholar in Classics  
 HERBERT ORION CALVERY, Fellow in Chemistry  
 MAX GRIFFIN CARMAN, Fellow in Mathematics  
 EUNICE ANNIE CARMICHAEL, Scholar in Romance Languages  
 WALLACE HUME CAROTHERS, Carr Fellow in Chemistry  
 NAN COGHLAN, Scholar in English  
 KENNETH GEORGE COOK, Scholar in Chemistry (*Nominee of Carthage College*)  
 GERALD JUDY COX, Fellow in Chemistry  
 MAUDE MAE CRAIGMILES, Scholar in Philosophy  
 THOMAS DEVRIES, Scholar in Chemistry  
 GEORGE LEWIS DOTY, Fellow in Romance Languages  
 EMIL EDWARD DREGER, Fellow in Chemistry  
 ERNEST FRANKLIN FIOCK, Scholar in Chemistry (*Nominee College of Liberal Arts and Science*)  
 CHARLES WRIGHT FORNOFF, Fellow in History  
 GRACE MARION FOSTER, Scholar in Classics  
 JUNIATA VIOLET GLENN, Scholar in English (*Nominee of McKendree College*)  
 LINTON ELI GRINTER, Scholar in Civil Engineering  
 LILLIAN MAYNARD HATFIELD, Scholar in Psychology (*Nominee of Lake Forest College*)  
 HERMAN C N HECKEL, Fellow in Chemistry  
 ARNIM DEAN HUMMEL, Scholar in Physics (*Nominee of Knox College*)  
 GEORGE WILLIAM HUNTER, JR., Scholar in Zoology  
 RICHARD WILLET JACKSON, Fellow in Chemistry  
 MAYNARD STICKNEY JOHNSON, Fellow in Zoology  
 VIVIAN MAURINE KIRKPATRICK, Scholar in Political Science  
 CHARLES MAYARD KNEIER, Scholar in Political Science  
 IRVIN ALWIN KOTEN, Fellow in Chemistry  
 WAYNE EVERETT LEER, Fellow in Agronomy  
 ANNA PAULINE LOCKLIN, Scholar in English  
 ERNA LOHRMANN, Scholar in German  
 CLARENCE GEORGE LOWE, Fellow in Classics  
 FLORENCE HELEN MCINTOSH, Scholar in Mathematics  
 MARGARET ELIZABETH MANDERSON, Scholar in Zoology  
 CHARLOTTE WOOD MONTGOMERY, Scholar in English (*Nominee of Rockford College*)  
 JOE EUGENE MOOSE, Fellow in Chemistry  
 LOTTIE ELLA MUNN, Fellow in Chemistry  
 FAY EDISON NULL, Scholar in Physics  
 GEORGE HARRISON ORIANS, Fellow in English  
 AUDLEY EVERETT PATTON, Fellow in Economics  
 NICHOLAS ALBERT PETTINGER, Scholar in Agronomy  
 JOHN STANTON PIERCE, Fellow in Chemistry  
 COHEN GALLATIN PIERSON, Scholar in History  
 ELSON EUGENIA PIRES, Scholar in History (*Nominee Illinois Womans' College*)  
 ORDA ALLEN PLUNKETT, Fellow in Botany  
 GAIL KENNETH POYSER, Scholar in Horticulture  
 CLIFFORD FRED RASSWEILER, Fellow in Chemistry  
 BERNHARD PAUL REINSCH, Fellow in Mathematics  
 LORENZ GEORGE STRAUB, Scholar in Civil Engineering (*Nominee College of Engineering*)  
 CHARLES WOODY THOMPSON, Fellow in Economics  
 DAVID HIRAM THOMPSON, Fellow in Zoology  
 MYRON THOMAS TOWNSEND, Fellow in Zoology  
 ROGER WENDELL VALENTINE, Fellow in Economics  
 ANNA JUSTINE VAN GUNDY, Scholar in English (*Nominee Monmouth College*)  
 RAYMOND MICHAEL YEH, Scholar in Sociology (*Nominee of Northwestern College*)  
 EHRHARDT HENRY WAGNER, Scholar in Mathematics



# UNIVERSITY HONORS

Awarded by the Faculty of the University

## HONORS AT COMMENCEMENT

(June, 1923)

### THE DEGREE OF A. B. WITH HIGH HONORS

#### *College of Liberal Arts and Sciences*

SARAH MARGARET BEATTY, in History

MILES C HARTLEY, in Mathematics

#### WITH HONORABLE MENTION

HELEN EVELYN BREHM, in English  
HELEN KATHERINE BUSSELL, in Romance Languages  
EUNICE ANNIE CARMICHAEL, in Romance Languages  
KATHERINE MCCLELLAND DENNIS, in Romance Languages  
FLORENCE MOREY ERRANT, in Home Economics  
LOIS ELIZABETH FRAZEE, in Home Economics  
RUTH FRANCES GREEN, in Romance Languages  
LILLIAN MAY HAMBLIN, in Spanish  
MARY LILLIAN HANCOCK, in Sociology  
WALTER ARTHUR HEATH, in Mathematics  
GEORGIE HILGARD, in Romance Languages  
HOWARD LEWIS JONES, in Mathematics  
VIVIAN MAURINE KIRKPATRICK, in History  
MAX THOMAS KRONE, in Sociology

DWIGHT JOHN LADD, in Chemistry  
MARGARET THOMPSON MCINTYRE, in Spanish  
RHODA MARIA MUSFELDT, in Spanish  
CLEDA BLANCHE NEVILLE, in English  
ISABELLE EUGENIA NIMS, in History  
CLARABEL EDNA PECK, in Romance Languages  
FRED NELSON REEDER, in History  
HUGH ELBA REYNOLDS, in History  
ALICE ELIZA RICHESON, in English  
FRANCES DESMOND RUCKMAN, in History  
ELVA ELIZABETH STARR, in Mathematics  
GEORGE BENJAMIN SWITZER, in Psychology  
RUTH ELIZABETH THRASHER, in Mathematics  
MARGARET WELDEN, in Psychology

FLORENCE JANE WILLIAMS, in French

#### SPECIAL HONORS

#### *College of Liberal Arts and Sciences*

GLADYS IRENE APPLGATE, in Chemistry  
LOUIS BLOCK, in Chemistry  
ROBERT MERLE CORBIN, in Chemical Engineering  
WARREN DYSERT CRABB, in Chemical Engineering  
ALFRED LEONARD DIXON, in Chemistry  
VINCENT REGINALD DUVIGNEAUD, in Chemistry  
ERNEST FRANKLIN FIOCK, in Chemical Engineering  
ARTHUR LAWRENCE FOX, in Chemistry  
WILLIAM LAVERNE FOTT, in Chemistry  
LUTHER THOMAS GAREY, in Chemistry  
WADE SHERMAN HATHORNE, in Chemistry

IRENE KENDALL, in Chemistry  
CYRIL JOSEPH KOCOUR, in Chemical Engineering  
JOHN CLARKE MICHALEK, in Chemistry  
WM. HENRY MONSSON, in Chemical Engineering  
JOHN THOMAS SCANLAN, in Chemistry  
ELWOOD WILLIAM SCARRITT, in Chemistry  
ELMER F SCHULDT, in Chemical Engineering  
VICTOR L SODERBERG, in Chemical Engineering  
CARL ERRETT SWARTZ, in Chemistry  
BERT SIDNEY TAYLOR, in Chemistry  
MARK MILLER TEMPLETON, in Chemistry

#### FINAL HONORS

#### *College of Liberal Arts and Sciences*

LOUIS BLOCK, in Chemistry  
ROBERT MERLE CORBIN, in Chemical Engineering  
ALFRED LEONARD DIXON, in Chemistry  
ERNEST FRANKLIN FIOCK, in Chemical Engineering  
JOHN THOMAS SCANLAN, in Chemistry

WILLIAM LAVERNE FOTT, in Chemistry  
LUTHER THOMAS GAREY, in Chemistry  
MUPPANNA CHANNAVIRAPPA T KATTI, in Chemistry  
HENRY R MATHIAS, in Chemical Engineering

#### *College of Commerce and Business Administration*

ANDREW BARR, JR.  
ALFRED WARREN BRIGGS  
RUTH ADAMS BROWN  
EARL WILLIAM DAVIS  
HAROLD BAKER EVERSOLE  
PAUL GRADY  
EVERETTE LEE HARRIS

ARTHUR COLE HUMPHREY  
HERSHEL ORVILLE KIEST  
CARMEN COUGHENOUR MURPHY  
JAMES STUART POLLOCK<sup>1</sup>  
JOHN HARMON RINDELL  
JOHN ARTHUR ROVELSTAD  
LESLIE BERRY WORTHINGTON

#### *College of Engineering*

WALTER BECK  
EARL HENRY BELINO  
ROBERT A. BLACK  
EDWIN J. BOHNEN  
GEORGE JOHN BOSHKOFF  
ELMER F. BRUHN  
ROSS E. CORNWELL  
WILLIAM B. DEHR  
RICHARD E. GOULD  
VIROIL K. HALDEMAN  
CARL G. KUSTNER  
REINHOLD F. LARSON  
DANIEL C. MURPHY  
JOHN B. O'CONNELL

PETER C. PEEFF  
HARLEY M. ROSS  
ROBERT J. RUDY  
LORENZ G. STRAUB  
JOHN F. TOBIN  
JOHN G. TUCKER  
LEROY TUCKER  
CLARENCE B. UTHUS  
RALPH E. VOGEL  
MARINO R. WALLIN  
WALLACE WATERFALL  
DOW O. WHELAN  
HAL H. ZINK

<sup>1</sup>Died June 3, 1923

*College of Agriculture*

CHARLES MOORE ALLEN  
BEN FINLEY ALVORD  
RALPH E. AMMON  
FRANCIS MATTHEW CLARK  
DOROTHY ELEANOR CORNELL  
ALBERT ADAM ENDRES  
FLOYD MCKELVEY FINLEY  
JAMES FRANCIS JOHNSON  
PAUL FREDRICK KRUEGER

LESTER A. LUHNOW  
JORDAN REESE MCNEILL  
DUDLEY BERTIE DAVID MOSES  
DWIGHT CURTIS MUMFORD  
ROBERT COOKE ROSS  
JOHN WILLIAM TILSY  
JAMES ARTHUR TWARDOCK  
CLARENCE WILLIAM WELDON

*Library School*

LUELLA CORY

*College of Education*

EURIS J. JACKSON  
GEORGIA LACKENS  
SAMUEL ALBERT LEVY  
FREDA ELIZABETH METZGER

GAIL KENNETH POYSER  
EMRY SELDON SIMMONDS  
SOPHIE WEINER

PRIZES

*The Francis John Plym Fellowship in Architecture*

EDWARD L. HUBBELL, 1922

*American Institute of Architects Medal*

ALBERTA RAFFL

*The Francis John Plym Prize for Architectural Engineers*

REUBEN JOHN PFEIFER

*The Scarab Competition in Architecture*

OLIVER STEPAN

*The Schaefer Prizes in Engineering*

CULLEN EVERETT PARMELEE, First Prize

PETER COSTOFF PEEFF, Second Prize

*The B'Nai B'Rith Prize*

Not awarded

*The Phi Beta Kappa Prize*

MILES C. HARTLEY

*The Thacher Howland Guild Memorial Prize*

Not awarded

*Conference Medal for Excellence in Scholarship and Athletics for the Year 1923*

OTTO HENRY VOGEL

*The Chi Omega Prize in Sociology*

ESTELLE D. KAHLE

*The English Poetry Prize*

LAURENCE F. TRIGOS, First Prize

FRANCIS C. COUGHLIN, Second Prize

*The Mask and Bauble Prize*

THEODORE P. BOURLAND

## COMMISSIONS AS LIEUTENANTS, OFFICERS' RESERVE CORPS, U. S. A.

CHARLES M. ALLEN  
RALPH B. ALLEN  
ANDREW BARR, JR.  
HARRY L. BELL  
OMAR J. BOLLINGER  
FRED S. BREWER  
GLENN L. BUCK  
LEWIS I. BURRITT  
FLOYD R. CLAFFORD  
ALVIE J. CLAXTON  
VIRGIL W. COATH  
ROBERT M. CORBIN  
ALFRED L. DIXON  
VINCENT R. DUVIGNEAUD  
FELIX J. ENOBERG  
LAURENCE H. FOSTER  
BURNS M. FRANKLIN  
RICHARD E. GOULD  
FRANCIS A. GABRIELSON  
EVERETTE L. HARRIS  
ERVIN J. HECKEL  
RALPH B. HEZOG  
JAMES B. HOLSTON  
HOWARD L. JONES  
OTIS M. KINGERY  
NORMAN T. KLAPROTH  
PAUL M. KROWS

CARL G. KUSTNER  
LOWELL V. S. MARSHALL  
CALVIN M. MEREDITH  
RICHARD S. MARR  
JULIAN Z. MILLAR  
ANDREW K. MILLER  
EVERETT MOFFET  
RALPH E. MOWERY  
LAURENCE W. MURPHY  
JOHN R. MURRAY  
ARTHUR D. PATTON  
RALPH R. RANNEY  
ROLAND A. ROEPE  
VERLE W. SAFFORD  
HOPE SATTLEY  
EMIL ST. E. SCHNELLBACHER  
WILLIAM M. STEWART  
LORENZ G. STRAUB  
RAYMOND S. THOMAS  
JOHN F. TOBIN  
PAUL A. VANCE  
GEORGE I. WALLACE  
RAYMOND M. WILSON  
GEORGE F. YACKEY  
HAROLD H. YACKEY  
EVERETT L. YOUNG

*The University Gold Medal*

WALTER M. HENSREL

*The Hazelton Gold Medal*

MILTON E. POWELL

GRADUATES OF THE CLASSES OF 1921 AND 1922 RECEIVING COMMISSIONS  
AS BREVET CAPTAINS IN THE ILLINOIS NATIONAL GUARD<sup>1</sup>

THOMAS HUNTER ARMSTRONG  
MILES DEWEY CATTON  
ROBERT JENNINGS DONALDSON  
HENRY ALEXANDER GULLEY  
THOMAS EDWARD HENLEY  
HENRY JULIUS HERRMANN  
EDGAR JEROME JOHNSON  
ERIC WILLARD LAGER  
DON WATERS MAYHUE  
RALPH CHENEY PELTZ  
LEO BRACY REED  
ROBERT CRAWFORD ROBERTSON  
WALTER HENRY ROHE  
DEE SMALL  
FRANK TOBIAS  
ROBERT GARDNER TOLMAN  
EDWIN HERBERT WEBSTER  
LEONARD NEWTON WHITE  
HAROLD CALDWELL YEAGER  
FRANCIS ERLE BRYA  
TERRY WARREN EDWARDS  
JOSEPH GRAY LUMMIS  
EVERETT ROY ROTRAMEL  
PAUL V. COTTINGHAM  
PHILLIP PERCY GLICK

HAROLD PATRICK JENNETT  
JOHN MILN MITCHELL  
IRVING BANCROFT MORGAN  
LASCHE PEARSON  
RAY NORTON WHITTINGTON  
CLYDE WILLIAM READING  
DAN ANDREW BRANIGAN  
GEORGE SEARLES SPILVER  
BOYD WILLARD BULLOCK  
EDWARD AUGUSTUS CURTISS  
ARTHUR DWIGHT CLAUSEN  
THOMAS JAY DOUGLASS  
GEORGE VIGGO FALKENBERG  
ARTHUR GUSTAV HEIDEMAN  
CHARLES IMSE ROSE  
MYRON ALONZO SNELL  
RICHARD SMEJKAL  
DONALD ARDEAN TRIPP  
THOMAS HENRY TULLY  
LINGARD EUGENE WERRE  
HARRY HEYNIS WILDEMAN  
HAROLD FREDERICK DEAN  
HALDANE WESLEY BEAN  
FREDERICK WEINNETT SCHAUB  
LOUIS FRANK STUEBE

<sup>1</sup>The practice of awarding these commissions, abandoned in 1921-22, was resumed in 1923; this list includes eligible graduates of the classes of 1921 and 1922.

GRADUATES OF THE CLASS OF 1923 RECEIVING COMMISSIONS  
AS BREVET CAPTAINS IN THE ILLINOIS NATIONAL GUARD

EDWARD WM. JOHN ASMUS  
RALPH B ALLEN  
CHARLES MOORE ALLEN  
ANDREW BARR, JR.  
LOUIS BERNARD BLUM  
OMAR JOHN BOLLINGER  
FRED SAMUEL BREWER  
GLENN LEONARD BUCK  
LEWIS EVERETT BURRITT  
FLOYD ROWLAND CLAFFORD  
ALLEN ENES CLAXTON  
ALVIN JACOB CLAXTON  
VIRGIL WALTER COATH  
ROBERT MERLE CORBIN  
HERBERT RAYMOND DAMISCH  
PHILLIP MORITZ DE LEEUW  
ALFRED LEONARD DIXON  
VINCENT R DUVIGNEAUD  
FELIX JOHN ENGBERY  
PHILIP GARDINER EVANS  
LAURENCE HOFNER FOSTER  
BURNS MAURICE FRANKLIN  
PAUL CEDRIC FULTON  
RICHARD ERNEST GOULD  
FRANCIS ALVA GABRIELSON  
EVERETTE LEE HARRIS  
ERVIN JOHN HECKEL  
RALPH BENJAMIN HERZOG  
JAMES BENJAMIN HOLSTON  
HOWARD LEWIS JONES  
OTIS MINOR KINGERY  
NORMAN THOMAS KLAPROTH  
PAUL MARTIN KROWS  
CARL GERDING KUSTNER  
HAROLD BERKLEY MCCARTY

JORDON REESE MCNEILL  
LOWELL VINCENT MARSHALL  
THOMAS MARSHALL  
CALVIN MATEER MEREDITH  
ANDRES K MILLER  
EVERETT MOFFET  
PAUL ANDREW MOODY  
RALPH EDWARD MOWERY  
JOHN DWIGHT MUNCIE  
LAURENCE WEBSTER MURPHY  
JOHN ROSS MURRAY  
ARTHUR DAVID PAYTON  
LELAND ARMIN PINKEL  
RALPH RICHARD RANNEY  
EDVALD LAWRENCE RASMUSSEN  
JAMES BURNHAM ROCK  
ROLAND A ROEPE  
HOPE CODY SATTLEY  
EMIL ST. ELMO SCHNELLBACHER  
CLARENCE JOSEPH STEINMAN  
WILLIAM MARTIN STEWART  
HERBERT MANUEL STOLL  
LORENZ G STRAUB  
CHARLES GILMAN TARBELL  
RAYMOND STANLEY THOMAS  
JOHN WILLIAM TILEY  
JOHN FRANCIS TOBIN  
PAUL ANDREW VANCE  
GEORGE IRA WALLACE  
LEWIS JOSEPH WARGIN  
RAYMOND MILTON WILSON  
GEORGE FREDRIC YACKEY  
HAROLD HILGARD YACKEY  
EVERETT LEWIS YOUNG

# SUMMARY OF DEGREES CONFERRED

1923

## DEGREES IN THE GRADUATE SCHOOL

	Total
A.M.	51
A.M.—(February 13, 1923)	7
A.M.—(August 11, 1923)	7
A.M.—(October 27, 1923)	6
M.S.	64
M.S.—(February 13, 1923)	9
M.S.—(August 11, 1923)	20
M.S.—(October 27, 1923)	12
C.E.	1
E.E.	1
M.E.	3
Ph.D.	34
Ph.D.—(February 13, 1923)	4
Ph.D.—(August 11, 1923)	2
Ph.D.—(October 27, 1923)	3

*Total, Graduate School* ..... 224

## DEGREES IN LIBERAL ARTS AND SCIENCES

A.B.—(With Thesis)	29
A.B.—(Without Thesis)	234
A.B.—(February 13, 1923)	20
A.B.—(August 11, 1923)	13
A.B.—(October 27, 1923)	23
A.B.—Home Economics	39
A.B.—Home Economics (February 13, 1923)	6
A.B.—Chemical Engineering (October 27, 1923)	4
B.S.—Liberal Arts	11
B.S.—Liberal Arts (February 13, 1923)	2
B.S.—Chemistry	25
B.S.—Chemistry (February 13, 1923)	2
B.S.—Chemistry (August 11, 1923)	1
B.S.—Chemical Engineering (With Thesis)	35
B.S.—Chemical Engineering (February 13, 1923)	2
B.S.—Chemical Engineering (August 11, 1923)	3
B.S.—Home Economics	5
B.S.—Science (Class of 1893)	1

*Total, Liberal Arts and Sciences* ..... 455

## DEGREES IN COMMERCE AND BUSINESS ADMINISTRATION

B.S.	248
B.S.—(February 13, 1923)	24
B.S.—(August 11, 1923)	12
B.S.—(October 27, 1923)	32

*Total, Commerce and Business Administration* ..... 316

## DEGREES IN ENGINEERING

B.S.—Architecture	17
B.S.—Architecture (February 13, 1923)	1
B.S.—Architecture (October 27, 1923)	1
B.S.—Architectural Engineering	23
B.S.—Architectural Engineering (February 13, 1923)	1
B.S.—Ceramic Engineering	12
B.S.—Ceramic Engineering (February 13, 1923)	2
B.S.—Civil Engineering	55
B.S.—Civil Engineering (October 27, 1923)	4
B.S.—Electrical Engineering	39
B.S.—Electrical Engineering (February 13, 1923)	3
B.S.—Electrical Engineering (October 27, 1923)	4
B.S.—General Engineering	5
B.S.—General Engineering Physics	1
B.S.—Mechanical Engineering	63
B.S.—Mechanical Engineering (February 13, 1923)	3
B.S.—Mechanical Engineering (October 27, 1923)	6
B.S.—Mining Engineering	10
B.S.—Municipal and Sanitary Engineering	2
B.S.—Railway Civil Engineering	4
B.S.—Railway Civil Engineering (February 13, 1923)	1
B.S.—Railway Civil Engineering (October 27, 1923)	1
B.S.—Railway Electrical Engineering	4
B.S.—Railway Electrical Engineering (October 27, 1923)	1
B.S.—Railway Mechanical Engineering	1
B.S.—Railway Mechanical Engineering (February 13, 1923)	1
B.S.—Railway Mechanical Engineering (October 27, 1923)	1

*Total, Engineering* ..... 266

# Summary of Degrees Conferred

549

## DEGREES IN AGRICULTURE

B.S.—(With Thesis)	2
B.S.—(Without Thesis)	139
B.S.—(February 13, 1923)	9
B.S.—(October 27, 1923)	4
B.S.—Floriculture	1
B.S.—Floriculture (February 13, 1923)	1
B.S.—Landscape Gardening	9
B.S.—Landscape Gardening (October 27, 1923)	1
B.S.—Home Economics	19
B.S.—Home Economics (February 13, 1923)	3
B.S.—Home Economics (October 27, 1923)	1

*Total, Agriculture* ..... 189

## DEGREES IN LAW

B.S.	3
B.S.—(August 11, 1923)	1
B.S.—(October 27, 1923)	1
LL.B.	17
LL.B.—(February 13, 1923)	1
LL.B.—(August 11, 1923)	2
LL.B.—(October 27, 1923)	1
J.D.	2
J.D.—(August 11, 1923)	1

*Total, Law* ..... 29

## DEGREES IN LIBRARY SCIENCE

B.L.S.	5
B.L.S.—(February 13, 1923)	1

*Total, Library Science* ..... 6

## DEGREES IN MUSIC

B.Mus.	6
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*Total, Music* ..... 6

## DEGREES IN EDUCATION

B.S.	100
B.S.—(February 13, 1923)	9
B.S.—(August 11, 1923)	9
B.S.—(October 27, 1923)	19

*Total, Education* ..... 137

## TOTAL, COLLEGES AND SCHOOLS AT URBANA

### DEGREES IN MEDICINE

B.S.	80
B.S.—(February 13, 1923)	1
M.D.	48
M.D.—(February 13, 1923)	1

*Total, Medicine* ..... 130

### DEGREES IN DENTISTRY

D.D.S.	43
B.S.	1

*Total, Dentistry* ..... 44

### DEGREES IN PHARMACY

Ph.G.	89
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*Total, Pharmacy* ..... 89

## TOTAL, COLLEGES AND SCHOOLS IN CHICAGO

*Grand Total* ..... 263

1891

# SUMMARY OF OFFICERS

## BY COLLEGES AND SCHOOLS

1923-1924

### OFFICERS OF INSTRUCTION

COLLEGES, SCHOOLS, AND DEPARTMENTS	PROFESSORS		ASSOCIATE PROFESSORS		ASSISTANT PROFESSORS		ASSOCIATES	
	Men	Wom.	Men	Wom.	Men	Wom.	Men	Wom.
Liberal Arts and Sciences.....	57	..	18	..	34	1	24	4
Commerce and Business Ad- ministration .....	7	..	4	..	6	..	4	1
Engineering .....	29	..	6	..	34	..	13	..
Agriculture .....	18	2	9	..	23	3	17	8
Music .....	2	..	1	..	1	..	4	..
Education .....	5	..	3	..	3	..	8	1
Law .....	7	..	..	..	..	..	..	..
Library .....	1	..	..	..	..	1	..	3
Military .....	1	..	2	..	14	..	4	..
Physical Education .....	2	1	1	1	2	..	3	2
<i>Totals at Urbana .....</i>	129	3	44	1	117	5	77	19
Medicine .....	27	..	22	1	20	1	24	..
Dentistry .....	9	..	4	..	7	..	3	..
Pharmacy .....	3	..	..	..	2	1	..	..
<i>Totals in Chicago .....</i>	39	..	26	1	29	2	27	..
<b>TOTALS IN UNIVERSITY</b>	168	3	70	2	146	7	104	19
<b>OFFICERS OF ADMINISTRATION</b>								
General .....								
Library .....								
<b>TOTAL, INSTRUCTIONAL AND ADMINISTRATIVE .....</b>								
<i>Deduct Duplicates:</i>								
Instructional officers holding administrative positions .....								
Instructional officers holding more than one position .....								
<b>NET TOTAL IN UNIVERSITY .....</b>								

# SUMMARY OF OFFICERS

## BY COLLEGES AND SCHOOLS

1923-1924

SPECIAL LECTURERS		INSTRUCTORS		ASSISTANTS		STUDENT ASSISTANTS		TOTALS		TOTAL
Men	Wom.	Men	Wom.	Men	Wom.	Men	Wom.	Men	Wom.	Total
..	..	34	12	127	68	..	..	294	85	379
..	..	18	..	38	..	..	..	77	1	78
..	..	33	1	32	..	2	..	149	1	150
..	..	15	7	19	2	1	2	102	24	126
..	..	1	6	..	1	..	..	9	7	16
..	..	10	8	2	1	..	..	31	10	41
..	..	..	..	1	..	..	..	8	..	8
..	7	..	2	..	1	1	..	2	14	16
..	..	1	..	1	..	31	..	54	..	54
..	..	2	5	2	1	2	1	14	11	25
..	..	114	41	222	74	37	3	740	153	893
3	..	48	5	45	4	..	..	189	10	199
2	..	16	3	11	7	..	..	52	10	62
1	..	2	..	4	2	1	..	13	3	16
6	..	66	8	60	13	1	..	254	23	277
6	..	180	49	282	87	38	3	994	176	1170
.....	.....	.....	.....	.....	.....	.....	.....	43	3	46
.....	.....	.....	.....	.....	.....	.....	.....	1	31	32
.....	.....	.....	.....	.....	.....	.....	.....	1038	210	1248
.....	.....	.....	.....	.....	.....	.....	.....	26	2	28
.....	.....	.....	.....	.....	.....	.....	.....	23	..	23
.....	.....	.....	.....	.....	.....	.....	.....	989	208	1197



# SUMMARY OF STUDENTS

1923-1924

College and Course	Seniors			Juniors			Sophomores		
	Men	Wom.	Total	Men	Wom.	Total	Men	Wom.	Total
<b>LIBERAL ARTS AND SCIENCES</b>									
General	99	215	314	93	289	382	130	295	425
Journalism	12	7	19	21	4	25	22	12	34
Preparatory to Law	6	....	6	11	....	11	48	2	50
Economic Entomology	....	....	....	....	....	....	1	....	1
Preparatory to Medicine	2	....	2	21	2	23	80	6	86
Home Economics	....	47	47	....	54	54	....	64	64
Chemistry	18	1	19	15	1	16	7	....	7
Chemical Engineering	22	....	22	30	....	30	17	....	17
<b>TOTAL</b>	<b>159</b>	<b>270</b>	<b>429</b>	<b>191</b>	<b>350</b>	<b>541</b>	<b>305</b>	<b>379</b>	<b>684</b>
<b>COMMERCE</b>									
General Business	184	15	199	201	20	221	277	24	301
Commercial and Civic Secretaries	....	....	....	....	....	....	2	....	2
Banking	21	....	21	20	1	21	10	....	10
Insurance	4	....	4	....	....	....	....	....	....
Accountancy	47	1	48	69	5	74	40	2	42
Railway Administration	6	....	6	5	....	5	3	....	3
Railway Transportation	1	....	1	....	....	....	1	....	1
Commercial Teachers	....	3	3	....	4	4	1	2	3
Foreign Commerce	9	....	9	19	1	20	13	....	13
Industrial Administration	40	....	40	38	....	38	26	....	26
Commerce and Law	....	....	....	17	....	17	12	1	13
Public Utilities	....	....	....	....	....	....	2	....	2
<b>TOTAL</b>	<b>312</b>	<b>19</b>	<b>331</b>	<b>369</b>	<b>31</b>	<b>400</b>	<b>385</b>	<b>31</b>	<b>416</b>
<b>EDUCATION</b>									
General	17	52	69	26	73	99	....	....	....
Athletic Coaching	23	....	23	44	....	44	66	....	66
Smith-Hughes Agriculture	9	....	9	5	....	5	....	....	....
Smith-Hughes Home Economics	....	14	14	....	8	8	....	....	....
Industrial	4	....	4	2	....	2	2	....	2
Public School Music	....	1	1	....	3	3	....	....	....
<b>TOTAL</b>	<b>53</b>	<b>67</b>	<b>120</b>	<b>77</b>	<b>84</b>	<b>161</b>	<b>68</b>	<b>....</b>	<b>68</b>
<b>ENGINEERING</b>									
Architecture	8	....	8	12	....	12	20	....	20
Architectural Engineering	17	....	17	28	....	28	33	....	33
Ceramic Engineering	19	....	19	17	....	17	14	....	14
Civil	44	....	44	52	....	52	66	....	66
Electrical	59	....	59	78	....	78	67	....	67
General Engineering	14	....	14	27	....	27	26	....	26
Mechanical	60	....	60	61	....	61	52	....	52
Mining	9	....	9	19	....	19	12	....	12
Municipal and Sanitary	5	....	5	....	....	....	5	....	5
Railway Civil	3	....	3	4	....	4	3	....	3
Railway Electrical	4	....	4	15	....	15	3	....	3
Railway Mechanical	3	....	3	1	....	1	1	....	1
General Engineering Physics	2	....	2	2	....	2	1	....	1
<b>TOTAL</b>	<b>247</b>	<b>....</b>	<b>247</b>	<b>316</b>	<b>....</b>	<b>316</b>	<b>303</b>	<b>....</b>	<b>303</b>
<b>AGRICULTURE</b>									
General	118	2	120	122	1	123	107	2	109
Farm Org. and Management	2	....	2	4	....	4	1	....	1
Floriculture	2	....	2	5	....	5	8	2	10
Landscape Gardening	6	5	11	8	3	11	6	2	8
Home Economics	....	15	15	....	18	18	....	23	23
<b>TOTAL</b>	<b>128</b>	<b>22</b>	<b>150</b>	<b>139</b>	<b>22</b>	<b>161</b>	<b>122</b>	<b>29</b>	<b>151</b>
<b>MUSIC</b>									
	1	13	14	....	8	8	1	24	25
<b>TOTAL, UNDERGRADUATES</b>	<b>900</b>	<b>391</b>	<b>1291</b>	<b>1092</b>	<b>495</b>	<b>1587</b>	<b>1184</b>	<b>463</b>	<b>1647</b>
<b>LAW</b>									
	Fourth Year			Third Year			Second Year		
3-year course	....	....	....	28	....	28	32	2	34
4-year course	1	....	1	2	....	2	16	....	16
<b>TOTAL</b>	<b>1</b>	<b>....</b>	<b>1</b>	<b>30</b>	<b>....</b>	<b>30</b>	<b>48</b>	<b>2</b>	<b>50</b>
<b>LIBRARY</b>									
	....	....	....	....	....	....	....	13	13
<b>TOTAL, UNDERGRADUATE AND PROFESSIONAL STUDENTS AT URBANA</b>									
<b>GRADUATE SCHOOL</b>									
Deduct duplicates	....	....	....	....	....	....	....	....	....
<b>TOTAL AT URBANA, WINTER SESSION</b>									

# SUMMARY OF STUDENTS

1923-1924

Freshmen			Unclassified			Irregular <sup>1</sup>			Totals		
Men	Wom.	Total	Men	Wom.	Total	Men	Wom.	Total	Men	Wom.	Total
292	598	890	18	44	62	1	8	9	633	1449	2082
56	29	85	2	....	2	....	....	....	113	52	165
118	4	122	1	....	1	....	....	....	184	6	190
....	....	....	....	....	....	....	....	....	1	....	1
133	7	140	3	....	3	....	....	....	239	15	254
....	91	91	....	3	3	....	2	2	....	261	261
12	....	12	2	....	2	....	....	....	54	2	56
23	....	23	1	....	1	....	....	....	93	....	93
634	729	1363	27	47	74	1	10	11	1317	1785	3102
664	58	722	15	4	19	1	....	1	1342	121	1463
3	5	8	1	....	1	....	....	....	4	7	11
19	....	19	....	....	....	....	....	....	70	1	71
1	....	1	....	....	....	....	....	....	5	....	5
55	7	62	6	....	6	....	....	....	217	15	232
11	....	11	1	....	1	....	....	....	26	....	26
4	....	4	....	....	....	....	....	....	6	....	6
....	1	1	....	....	....	....	....	....	1	10	11
26	....	26	....	....	....	1	....	1	68	1	69
55	....	55	1	....	1	....	....	....	160	....	160
34	....	34	1	....	1	....	....	....	64	1	65
5	....	5	....	....	....	....	....	....	7	....	7
877	71	948	25	4	29	2	....	2	1970	156	2126
....	....	....	4	4	8	....	1	1	47	130	177
136	....	136	8	....	8	....	....	....	277	....	277
....	....	....	....	2	2	....	1	1	14	....	14
9	....	9	....	....	....	....	....	....	....	25	25
....	....	....	....	1	1	....	....	....	17	....	17
....	....	....	....	....	....	....	....	....	....	5	5
145	....	145	12	7	19	....	2	2	355	160	515
47	2	49	2	1	3	1	1	2	90	4	94
60	....	60	....	....	....	....	....	....	138	....	138
37	1	38	....	....	....	....	....	....	87	1	88
91	....	91	3	....	3	....	....	....	256	....	256
167	....	167	2	....	2	1	....	1	374	....	374
41	....	41	1	....	1	1	....	1	110	....	110
89	....	89	1	....	1	....	....	....	263	....	263
14	....	14	1	....	1	....	....	....	55	....	55
4	....	4	1	....	1	....	....	....	15	....	15
11	....	11	2	....	2	....	....	....	23	....	23
9	....	9	....	....	....	....	....	....	31	....	31
....	....	....	....	....	....	....	....	....	5	....	5
4	....	4	....	....	....	....	....	....	9	....	9
574	3	577	13	1	14	3	1	4	1456	5	1461
155	2	157	16	1	17	....	1	1	518	9	527
4	....	4	1	....	1	....	....	....	12	....	12
5	4	9	....	....	....	....	....	....	20	6	26
11	2	13	4	1	5	1	....	1	36	13	49
....	53	53	....	2	2	....	2	2	....	113	113
175	61	236	21	4	25	1	3	4	586	141	727
5	38	43	2	13	15	3	1	4	12	97	109
2410	902	3312	100	76	176	10	17	27	5696	2344	8040
First Year											
107	2	109	8	1	9	....	....	....	175	5	180
8	....	8	....	....	....	....	....	....	27	....	27
115	2	117	8	1	9	....	....	....	202	5	207
1	25	26	1	7	8	....	....	....	2	45	47
....	....	....	....	....	....	....	....	....	5900	2394	8294
....	....	....	....	....	....	....	....	....	511	151	662
....	....	....	....	....	....	....	....	....	24	4	28
....	....	....	....	....	....	....	....	....	6387	2541	8928

## SUMMER SESSION

Undergraduates .....  
 Graduates.....

## TOTAL, SUMMER SESSION .....

Deduct duplicates<sup>1</sup>.....

Net Total, (Summer Session only) .....

TOTAL AT URBANA TO FEBRUARY 19, 1924 .....

	Fifth Year <sup>4</sup>			Fourth Year			Third Year		
MEDICINE (Chicago)									
Graduate work in Medical Science.....									
Curriculum in Medicine.....	(81	4	85)	105	1	106	105	7	112
Deduct duplicates <sup>5</sup> .....									
TOTAL, MEDICINE .....									
DENTISTRY (Chicago).....				69	7	76	20		20
PHARMACY (Chicago) .....									
TOTAL IN CHICAGO .....									
TOTAL IN UNIVERSITY TO FEBRUARY 19, 1924 .....									

<sup>1</sup>Students holding degrees but taking undergraduate work.

<sup>2</sup>Individuals who were registered part of the year as graduate students and part of the year as undergraduate students.

<sup>3</sup>Summer Session students who registered also during the following winter session.

<sup>4</sup>Fifth-year students are internes and are not counted as resident students and are not included in the total

<sup>5</sup>Students registered for the regular curriculum in Medicine and doing graduate work in medical science



# DIRECTORY OF ALUMNI ASSOCIATIONS

## GENERAL ALUMNI ASSOCIATION

*"Begins where your student life ended"*

Office: 358 Administration Building, University of Illinois, Urbana—Champaign

Official Publication: Illinois Alumni News, 358 Administration Building

Editor: Carl Stephens, '12

President: E. E. Barrett, '93, 1110 Wrigley Bldg., Chicago

Treasurer and Executive Manager: C. J. Rosebery, '05, 358 Administration Building, Urbana

Secretary, and Editor of Publications: Carl Stephens, '12, 358 Administration Building, Urbana

## DEPARTMENTAL ALUMNI ASSOCIATIONS

The Alumni Association of the College of Medicine

President: Dr. W. M. Crosier, '07, Alexis, Illinois

Secretary: Dr. Marshall Davison, '20, 2320 Jackson boulevard, Chicago

The Alumni Association of the Library School

President: Julia W. Merrill, '03, Ohio State Library, Columbus, Ohio

Secretary: Josie B. Houchens, '05, University of Illinois Library, Urbana

The Alumni Association of the College of Dentistry

President: James A. Wright, '06, 1601 W. Madison street, Chicago

Secretary: Harold D. Swain, '22, 5954 W. Huron street, Chicago

The Alumni Association of the School of Pharmacy

President: Lee M. Pedigo, '02, 5357 N. Clark street, Chicago

Secretary: Ben. L. Eichler, '11, Berwyn

## LOCAL ALUMNI ASSOCIATIONS

### Alabama

BIRMINGHAM: Birmingham Illini Club

President: Elmer Leopold

Secretary: Mrs. E. H. Webster, '21, 1426 N. 32nd street

### Arizona

The Arizona Illini Club

Secretary: Julia Threlkeld, '15, 1114 East Van Buren, Phoenix

### California

SAN FRANCISCO: The Golden Gate Alumni Association of the University of Illinois

President: T. L. Haines, '12, 636 Pacific building

Secretary: C. W. Fender, '10, 2632 College avenue, Berkeley

### Southern California

The University of Illinois Alumni Association of Southern California

President: C. E. Noerenberg, '07, 1751 Buckingham road, Los Angeles

Secretary: J. D. White, '02, 2006 West Bronson, Hollywood

### Colorado

DENVER: The Denver Illini Club

President: Curt A. Schroeder, '01, % Mutual Life Ins. Co.

Secretary: C. P. Griffith, '14, 823 East 10th avenue

PUEBLO: Pueblo Illini Club

President: James G. Elliott, '08, 2501 Greenwood street

Secretary: Mary McNally, '15, 6 Carlisle Place

### District of Columbia

WASHINGTON: University of Illinois Club of Washington

President: Frank White, '80, 1869 Wyoming avenue

Secretary: Geo. S. Ward, '10, 211 Metropolitan Bank Bldg.

### Florida

JACKSONVILLE:

Secretary: Madge K. Gundy, '09, % Duval High School

### Georgia

ATLANTA: Atlanta Illini Club

President: W. Woods White, ex-'78, 32 Howard street

Secretary: E. H. Bailey, '10, 306 Williams Mill road

### Illinois

ALEXANDER AND PULASKI COUNTIES:

President: Taylor C. Clendenen, ex-'77, 811 26th street, Cairo

Secretary: Walter B. Warder, ex-'75, 2315 Holbrook avenue, Cairo

AURORA: Aurora Illini Club

President: D. E. Currier, ['15,] 237 Weston avenue

Secretary: Mabel Garwood, '06, 215 S. Lincoln avenue

- BELLEVILLE:** The Illini Club of Belleville  
 President: Wilbur Krebs, '16, 211 South High street  
 Secretary: Herman Wangelin, ex-'11, 301 Abend street
- BOND COUNTY:** Bond County Illini Club  
 President: John D. Biggs, '11, Greenville
- BOONE COUNTY:** The Illini Club of Boone County  
 President: R. W. Waugh, '08, Belvidere  
 Secretary: Esther Sexauer, ex-'23, Belvidere
- BROWN COUNTY:** The Brown County Illini Club  
 President: H. G. Vandeventer, ex-'97, Mt. Sterling  
 Secretary: Mrs. E. F. Crane, ex-'10, Mt. Sterling
- BUREAU COUNTY:** Bureau County Illini Club  
 President: Karl B. Seibel, '04, Princeton  
 Secretary: Eckels Palmer, ex-'12, Princeton
- CASS COUNTY:** The Cass County Illini Club  
 President: Epler C. Mills, '20, 452 S. Cass St., Virginia  
 Secretary: Lester Edwards, ex-'21, R. F. D. 3, Ashland
- CHAMPAIGN COUNTY:** The Champaign County Illini Club  
 President: Roger Little, '07, 606 Chalmers street, Champaign  
 Secretary: George Chapin, '06, 603 West Green street, Urbana
- CHICAGO:** The Illini Club of Chicago  
 President: Callistus J. Ennis, '14, 79 W. Monroe street  
 Secretary: George E. Woods, '13, 104-209 S. LaSalle street
- CHICAGO:** The Chicago Illinae Club  
 President: Margaret Fitzpatrick, '19, 6033 Eberhart avenue, Chicago  
 Secretary: Harriet Fera, '21, 841 Crescent place, Chicago
- CHICAGO HEIGHTS:** Chicago Heights Illini Club  
 President: Dr. Ira Harman, '04, 1540 Scott avenue  
 Secretary: W. E. McDeldowney, '20, % First State Bank
- CHRISTIAN COUNTY:** Illini Club of Christian County  
 President: Troy Long, '05, Taylorville  
 Secretary: C. E. Hay, '13, Taylorville
- CLARK COUNTY:** The Clark County Illini Club  
 President: O. R. Clements, '14, Marshall
- CLINTON COUNTY:** Clinton County Illini Club  
 President: Paul V. Schaefer, '09, Carlyle  
 Secretary: Charles Rehling, '15, Bresse
- COLES COUNTY:** Illini Club of Coles County  
 President: C. H. Fletcher, '13, Lindley building, Mattoon  
 Secretary: Lois Scott, '19, 1416 Edgar avenue, Mattoon
- CRAWFORD COUNTY:** Crawford County Illini Club  
 President: W. W. Arnold, '01, Robinson  
 Secretary: Mrs. Jessie Mail, Robinson
- CUMBERLAND COUNTY:** The Cumberland County Illini Club  
 President: Louis K. Voris, ex-'06, Neoga  
 Secretary: C. B. Price, '16, Toledo
- DECATUR:** Macon County Illini Club  
 President: J. H. Powers, '17, 210 Standard Life building  
 Secretary: Raymond E. Deng, '16, Millikin Bank building
- DE KALB COUNTY:** De Kalb County Illini Club  
 President: William J. Fulton, '98, Daniel Pierce building, Sycamore  
 Secretary: L. B. Smith, '08, Court House, Sycamore
- DIXON:** The Dixon Illini Club  
 President: Betty Wingert, '21, 608 North Dixon avenue  
 Secretary: Clara Armington, '18, 717 Hennepin avenue
- DOUGLAS COUNTY:** Douglas County Illini Club  
 President: B. M. Van Voorhis, ex-'07, Tuscola
- DU PAGE COUNTY:** Du Page County Illini Club  
 President: F. W. Von Oven, '98, Naperville
- EDGAR COUNTY:** Edgar County Illini Club  
 Secretary: Flavia McCallister, '21, 132 East Madison street, Paris
- EFFINGHAM COUNTY:** Effingham County Illini Club  
 President: Albert W. Wenthe, Effingham  
 Secretary: J. L. Gardner, '11, Effingham
- FARMER CITY:** The Farmer City Illini Club  
 President: Grover Watson, '14, Farmer City
- FORD COUNTY:** Ford County Illini Club  
 Secretary: Caryl Strauss, ex-'21, 114 North Church street, Gibson City
- FRANKLIN COUNTY:** Franklin County Illini Club  
 President: C. B. Mautz, ex-'10, Benton
- FREEPORT:** Freeport Illini Club  
 President: Dr. N. C. Phillips, '05  
 Secretary: J. Leary, '09, 387 Stephensen street
- FULTON COUNTY:** Fulton County Illini Club  
 President: H. S. Boyd, '00, Lewistown  
 Secretary: F. A. Perkins, '01, Canton
- GREEN COUNTY:** The Green County Illini Club  
 President: Dr. R. C. Bates, '08, Roodhouse  
 Secretary: E. M. Phillips, '04, Carrolton
- GRUNDY COUNTY:** Grundy County Illini Club  
 President: A. P. Macdonald, '16, Morris  
 Secretary: George Baum, '21, Morris
- HANCOCK COUNTY:** Hancock County Illini Club  
 President: B. M. Cavanagh, '07, Carthage  
 Secretary: Mrs. L. S. Foote, '18, Carthage

- HENDERSON COUNTY:** Henderson County Illini Club  
 President: F. M. Bane, '15, Stronghurst  
 Secretary: Genevieve Adair, Stronghurst
- HENRY COUNTY:** Henry County Illini Club  
 President: C. A. Melin, '05, Cambridge  
 Secretary: Ella M. Record, ex-'19, Cambridge
- IROQUOIS COUNTY:** The Iroquois County Illini Club  
 President: Nathan P. Goodell, '88, Loda  
 Secretary: Lucy C. Bradrick, '13, 302 North 5th street, Watseka
- JACKSON COUNTY:** Jackson County Illini Club  
 President: LeRoy Stewart, '11, Murphysboro  
 Secretary: Paul W. Arndt, ex-'18, Murphysboro
- JASPER COUNTY:** Jasper County Illini Club  
 President: J. H. Pursifall, '09, Newton  
 Secretary: Lawrence E. Shup, '18, Newton
- JEFFERSON COUNTY:** Jefferson County Illini Club  
 President: Henry Ben Pope Ward, '07, Mt. Vernon
- JERSEY COUNTY:** Jersey County Illini Club  
 President: W. T. Sumner, ex-'97, Jerseyville  
 Secretary: Fred A. Du Hadway, '15, Jerseyville
- KANKAKEE COUNTY:** Kankakee County Illini Club  
 President: F. W. Swannell, ex-'08, 153 North Indiana avenue, Kankakee  
 Secretary: H. J. Troup, ex-'13, 667 South Chicago avenue, Kankakee
- KNOX COUNTY:** Knox County Illini Club  
 President: J. Grant Beadle, '08, Galesburg  
 Secretary: Mrs. Edith B. Carper, '09, 514 Johnston street, Galesburg
- LAKE COUNTY:** Lake County Illini Club  
 President: A. L. Hall, '12, 233 Washington street, Waukegan  
 Secretary: Dorothy Dunn, '19, 520 County street, Waukegan
- LIVINGSTON COUNTY:** Livingston County Illini Club  
 President: Alvin Anderson, '20, Pontiac  
 Secretary: Jessie McHarry, '11, Pontiac
- LOGAN COUNTY:** Logan County Illini Club  
 President: W. C. Handlin, '09, 326 Pekin street, Lincoln  
 Secretary: W. P. Kuhl, '10, 132 Ninth street, Lincoln
- MCDONOUGH COUNTY:** The McDonough County Illini Club  
 President: T. W. Everett, ex-'15, Bushnell  
 Secretary: Fred Terrill, '08, Colechester
- McHENRY COUNTY:** Illini Club of McHenry County  
 President: J. O. Tupper, '16, Harvard  
 Secretary: A. M. Shelton, '03, Woodstock
- McLEAN COUNTY:** McLean County Illini Club  
 President: H. K. Dick, '14, 30 White place, Bloomington  
 Secretary: H. Fahrnkopf, '13, Farm Bureau, Bloomington
- MADISON COUNTY:** Illini Club of Madison County  
 President: Harold Boeschstein, '20, 301 East 12th street, Alton  
 Secretary: Mrs. C. R. Beall, '19, 401 East 12th street, Alton
- MARION COUNTY:** Marion County Illini Club  
 President: Fred L. Wham, '09, Centralia  
 Secretary: Margaret Weldon, Centralia
- MARSHALL COUNTY:** Marshall County Illini Club  
 President: Dr. T. C. Coggsal, '04, Henry
- MASON COUNTY:** Mason County Illini Club  
 President: L. K. Ellsberry, '10, Mason City  
 Secretary: F. I. Mitchell, ex-'19, Havana
- MASSAC COUNTY:** Massac County Illini Club  
 President: Eugene A. McCall, '01, Metropolis  
 Secretary: W. P. Bunn, ex-'97, Metropolis
- MENARD COUNTY:** Menard County Illini Club  
 President: Henry E. Pond, '05, Petersburg  
 Secretary: Beulah Wood, '08, Petersburg
- MONTGOMERY COUNTY:** Montgomery County Illini Club  
 President: J. M. Avery, '14, Hillsboro  
 Secretary: Mrs. Alden Snyder, '11, Hillsboro
- MORGAN COUNTY:** Morgan County Illini Club  
 President: Harlan Williamson, '19, 222 East street, Jacksonville  
 Secretary: Mrs. Ray Scott, Jacksonville
- MOULTRIE COUNTY:** Moultrie County Illini Club  
 President: J. L. McLaughlin, '09, Sullivan
- NORTHWESTERN ILLINOIS:** The Illini Club of Northwestern Illinois  
 President: J. H. Samuels, '88, 2515 6th avenue, Moline  
 Secretary: Nels A. Larson, '03, 1339 15th street, Moline
- OGLE COUNTY:** Ogle County Illini Club  
 President: S. W. Crowell, ex-'92, Oregon  
 Secretary: Alice Thomas, '21, Mt. Morris
- PEORIA:** Peoria Illini Club  
 President: K. E. Williamson, '21, 703 Cooper street, Peoria  
 Secretary: F. V. Arber, '16, 903 Central Nat'l Bank building, Peoria
- PERRY COUNTY:** Perry County Illini Club  
 President: Catherine E. Parks, '17, DuQuoin  
 Secretary: Hiley Ward, '21, 22 Mulberry street, DuQuoin
- PIATT COUNTY:** Piatt County Illini Club  
 President: Burl A. Edie, '20, Monticello  
 Secretary: Charles McIntosh, ex-'99, Monticello
- PIKE COUNTY:** Pike County Illini Club  
 President: Clarence Williams, ex-'13, Pittsfield  
 Secretary: Otis Kercher, '14, Pittsfield

- RANDOLPH COUNTY:** Randolph County Illini Club  
President: L. F. Hachman, ex-'17, Sparta
- RICHLAND COUNTY:** Richland County Illini Club  
President: A. J. Wharf, '98, Olney  
Secretary: H. B. Piper, '13, Olney
- ROCKFORD:** Rockford Illini Club  
President: Stuart A. Ralston, '13, % R. I. Ry. Co., Rockford  
Secretary: F. Stanley Storey, '18, 122 Main street, Rockford
- SALINE COUNTY:** Saline County Illini Club  
President: Lana Weaver, '10, Harrisburg  
Secretary: Mrs. Myrtle Combe, '09, Harrisburg
- SCHUYLER COUNTY:** Schuyler County Illini Club  
President: Paul W. Morning, Rushville  
Secretary: J. A. Thompson, '05, Rushville
- SCOTT COUNTY:** Scott County Illini Club  
President: Mrs. R. H. Allan, ex-'17, Winchester  
Secretary: Isabelle Smithson, ex-'24, Winchester
- SHELBY COUNTY:** Shelby County Illini Club  
President: J. K. Hoagland, '99, Shelbyville
- SPRINGFIELD:** The Springfield Illini Club  
President: Kenneth Furr, '21, 505 E. Monroe street  
Secretary: Edna Vail, '18, 1331 Holmes avenue
- STREATOR:** Streator Illini Club  
President: T. L. Boys, '11, 308 East Kent street  
Secretary: Lester Kern, care of C. S. Cray Co.
- TAZEWELL COUNTY:** Tazewell County Illini Club  
President: William S. Prettyman, '04, Pekin  
Secretary: R. J. Railsback, '99, Hopedale
- VERMILION COUNTY:** Vermilion County Illini Club  
Secretary: Mabel A. Bredehoft, '09, 309 Walnut street, Danville
- WARREN COUNTY:** Warren County Illini Club  
President: Ralph R. Wells, '12, Monmouth  
Secretary: Mrs. Frank Stewart, '18, Princeville
- WASHINGTON COUNTY:** Washington County Illini Club  
President: B. B. Holston, '94, Nashville  
Secretary: Mrs. J. A. Watts, '20, Nashville
- WHITESIDE COUNTY:** Whiteside County Illini Club  
President: Carl Sheldon, '99, Sterling  
Secretary: D. E. Buyers, '12, Sterling
- WILL COUNTY:** Will County Illini Club  
President: August Maue, '91, 212 Sherman street, Joliet  
Secretary: Geraldine Daly, '18, 201 South Center street, Joliet
- WILLIAMSON COUNTY:** Williamson County Illini Club  
Secretary: Mary Belle Warder, Marion

*Indiana*

- FORT WAYNE:** Illini Club of Fort Wayne  
President: Roy Kalver, '21, 324 E. Columbia avenue
- INDIANAPOLIS:** Indianapolis Illini Club  
President: S. C. Hadden, '05, 702 Wulsin Bldg.  
Secretary: W. O. Gordon, '11, 2823 N. New Jersey street
- LAFAYETTE:** Lafayette Illini Club  
President: A. P. Poorman, '07, 329 Russell street, Lafayette  
Secretary: J. R. Shulsters, '10, 814½ Columbia street

*Iowa*

- AMES:**  
President: Prof. E. R. Smith, '05, % Department of Mathematics, Iowa State College  
Secretary: W. H. Youngman, '21, 321 Agr. Hall, Iowa State College
- IOWA CITY:** Iowa City Illini Club  
President: Professor H. Olin, '14, University of Iowa  
Secretary: Jean Richmond, '18, 323 North Linn street
- DES MOINES:** Des Moines Illini Club  
President: H. L. Tillson, ex-'14, 1112 29th street  
Secretary: Marguerite Gauger, '13, Eleanor Childs Hall, Des Moines University

*Kansas*

- LAWRENCE:** Lawrence Illini Club  
President: George Clark, '16, 1647 Elizabeth road  
Secretary: Margaret Barto, '17, 1047 Kentucky street
- MANHATTAN:** Manhattan Illini Club  
President: Mrs. J. E. Ackert, '12, 1605 Humboldt
- TOPEKA:** Topeka Illini Club  
Secretary: Clemma E. Bollard, ex-'18, 1419 College avenue
- WICHITA:** Wichita Illini Club  
President: Dr. L. F. Bowman, '12, 1010 Schwerter building  
Secretary: H. S. Mueller, '14, 1631 Fairview avenue

*Kentucky*

- LOUISVILLE:** Louisville Illini Club  
President: A. B. Sawyer, '10, Beech Spring Farm, St. Matthews, Ky.  
Secretary: F. L. Morgan, '12, 1110 Cherokee road

*Michigan*

- DETROIT:** Detroit Illini Club  
President: Ralph B. Otwell, '14, 6535 Livernois avenue  
Secretary: W. H. Kuhn, '15, 315 W. Woodbridge avenue



*Minnesota*

## ILLINI CLUB OF THE NORTHWEST

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Secretary: Arthur B. Gluck, '18, % Gluck Brewing Co., Minneapolis

*Missouri*

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Secretary: M. P. Newby, '22, 3109 Campbell avenue

## KANSAS CITY: Kansas City Illinae Club

President: Mrs. F. S. Stroheker, '16, 1700 Spellman avenue

Secretary: Beth Doak, '22, Gotham Apts., Linwood and Chestnut

## St. Louis: St. Louis Club

President: W. C. Ropiequet, '14, 1720 Boatmen's Bank Bldg.

Secretary: H. H. Rathbun, '18, 1215 Chemical Bldg.

## St. Louis: St. Louis Illinae Club

President: Mrs. W. C. Ropiequet, '15, 12 Oak Terrace, Webster Groves

Secretary: Mrs. Edward Brinkman, 2651 Olive street

## STODDARD COUNTY: The Stoddard County Illini Club

President: Lewis E. Montgomery, ex-'15, Dexter

Secretary: J. E. Dunn, '06, Dexter

*New York*

## BUFFALO: The Buffalo Illini Club

President: Dr. John A. Miller, '85, 176 Norwood Avenue

Secretary: J. Stanley Probst, '20, 367 Hamburg street

## ITHACA: The Illini Club of Ithaca

President: W. L. Williams, ex-'79, 115 Valentine place

Secretary: O. A. Johannsen, '94, 203 Parkway, Cayuga Heights

## NEW YORK: New York City Illini Club

President: James F. Brown, '13, 120 Broadway

Secretary: H. C. Brown, '08, 30 Church street

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Secretary: B. W. Bullock, '22, Rm. 716, Bldg. 5, General Electric Co.

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Secretary: H. Slaymaker

*Philippine Islands*

PHILIPPINE ILLINI CLUB  
President: A. M. Paterno  
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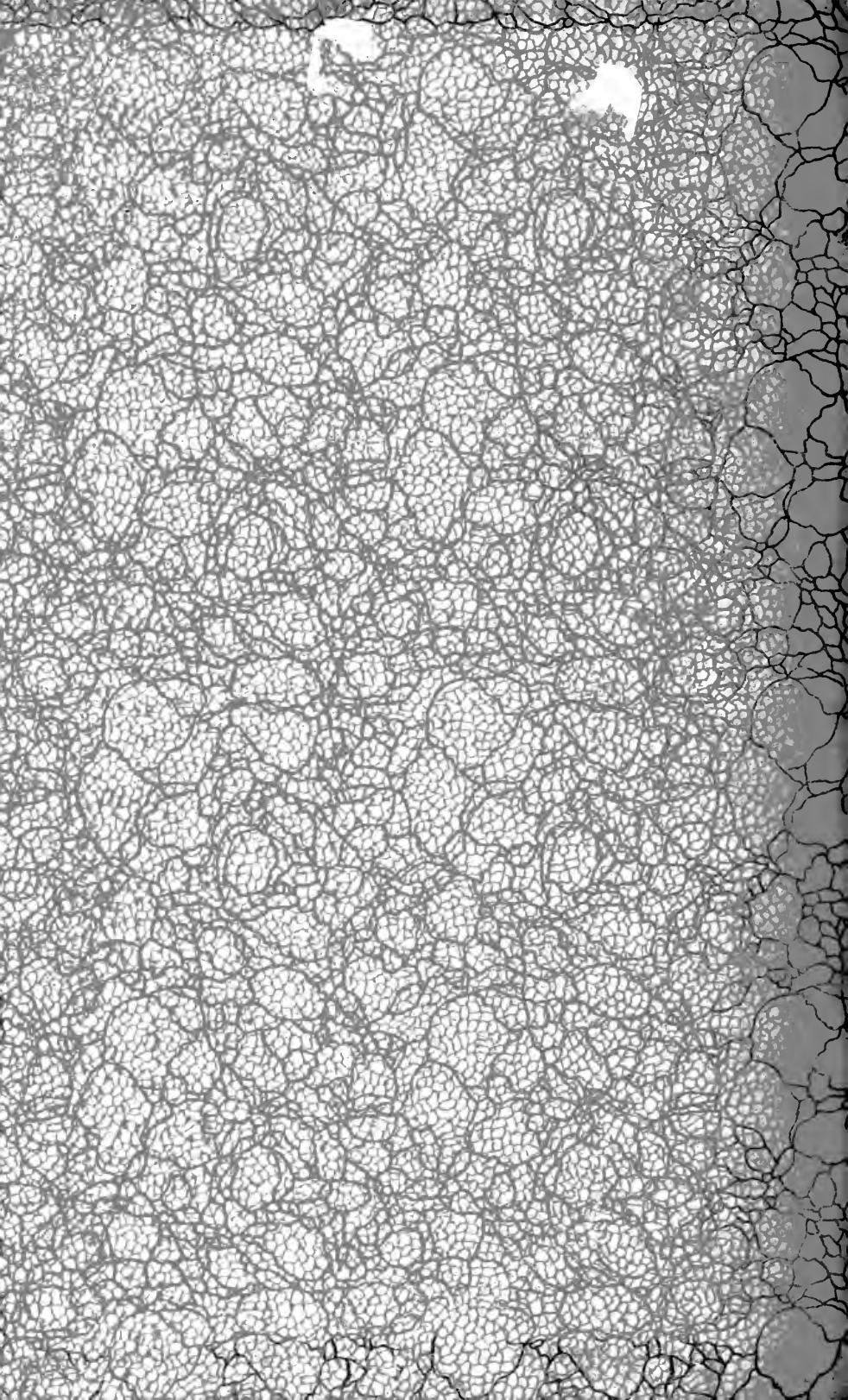


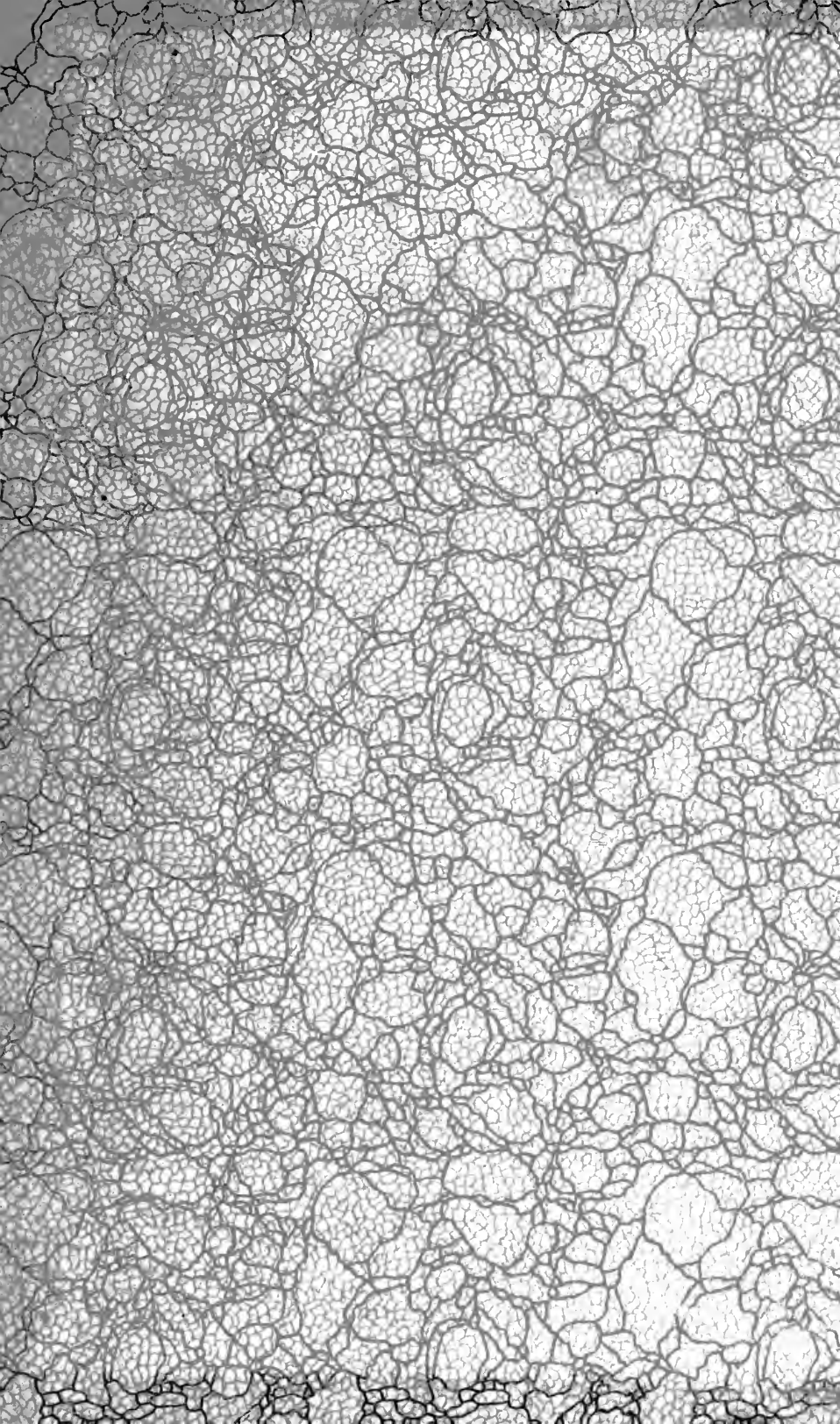














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